

# OpenType font Libertinus

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## **Abstract**

The font family Libertinus is derived from the Linux Libertine and enhanced with a math font by Khaled Hosny.

Thanks to:  
Khaled Hosny;  
Nelson Posse Lago;

# 1 The default setting

The font package `libertinus-fonts` installs the following OpenType fonts:

```
LibertinusSerif-Regular.otf
LibertinusSerif-Bold.otf
LibertinusSerif-Italic.otf
LibertinusSerif-BoldItalic.otf
LibertinusSerif-Semibold.otf
LibertinusSerif-SemiboldItalic.otf
-----
LibertinusSans-Regular.otf
LibertinusSans-Bold.otf
LibertinusSans-Italic.otf
-----
LibertinusKeyboard-Regular.otf
LibertinusSerifDisplay-Regular.otf
LibertinusSerifInitials-Regular.otf
-----
LibertinusMono-Regular.otf
-----
LibertinusMath-Regular.otf
-----
```

With the package `libertinus-otf` the serif, sans, mono, and the math fonts are set as usual. With the optional argument `nomath` there will be no loading of package `unicode-math` and no math font setting.

```
\RequirePackage{unicode-math}
\setmainfont{LibertinusSerif}[
  RawFeature      = {\libertinus@figurealign;\libertinus@figurestyle},
  Scale           = \libertinusRM@scale ,
  UprightFont     = *-Regular,
  ItalicFont      = *-Italic,
  ItalicFeatures  = { SmallCapsFont = *-Italic },
  SlantedFont     = *-Regular,
  SlantedFeatures = {FakeSlant=0.2},
  BoldFont        = *-\libertinus@boldstyle,
  BoldFeatures    = { SmallCapsFont = *-\libertinus@boldstyle },
  BoldItalicFont  = *-\libertinus@boldstyle Italic,
  BoldItalicFeatures = { SmallCapsFont = *-\libertinus@boldstyle Italic },
  BoldSlantedFont = *-\libertinus@boldstyle,
  BoldSlantedFeatures = {FakeSlant=0.2, SmallCapsFont = *-\libertinus@boldstyle },
  SmallCapsFont   = *-Regular,
  SmallCapsFeatures={RawFeature=+smcp},
  Extension       = .otf
]
\newfontfamily\LibertinusSerifSB{LibertinusSerif}[
  RawFeature      = {\libertinus@figurealign;\libertinus@figurestyle},
  Scale           = \libertinusRM@scale,
  UprightFont     = *-Regular,
```

```

ItalicFont      = *-Italic,
ItalicFeatures = { SmallCapsFont = *-Italic },
SlantedFont     = *-Regular,
SlantedFeatures= {FakeSlant=0.2},
BoldFont        = *-Semibold,
BoldFeatures    = { SmallCapsFont = *-Semibold },
BoldItalicFont  = *-SemiboldItalic,
BoldItalicFeatures = { SmallCapsFont = *-SemiboldItalic },
BoldSlantedFont= *-Semibold,
BoldSlantedFeatures = {FakeSlant=0.2, SmallCapsFont = *-Semibold },
SmallCapsFont   = *-Regular,
SmallCapsFeatures={RawFeature+=smcp},
Extension       = .otf
]
\newfontfamily\LibertinusSerifOsF{LibertinusSerif}[
RawFeature      = {+onum},
Scale           = \libertinusRM@scale ,
UprightFont     = *-Regular,
ItalicFont      = *-Italic,
ItalicFeatures  = { SmallCapsFont = *-Italic },
SlantedFont     = *-Regular,
SlantedFeatures= {FakeSlant=0.2},
BoldFont        = *-\\libertinus@boldstyle,
BoldFeatures    = { SmallCapsFont = *-\\libertinus@boldstyle },
BoldItalicFont  = *-\\libertinus@boldstyle Italic,
BoldItalicFeatures = { SmallCapsFont = *-\\libertinus@boldstyle Italic },
BoldSlantedFont= *-\\libertinus@boldstyle,
BoldSlantedFeatures = {FakeSlant=0.2, SmallCapsFont = *-\\libertinus@boldstyle },
SmallCapsFont   = *-Regular,
SmallCapsFeatures={RawFeature+=smcp},
Extension       = .otf
]
\newfontfamily\LibertinusSerifTLF{LibertinusSerif}[
RawFeature      = {+tnum;-onum},
Scale           = \libertinusRM@scale ,
UprightFont     = *-Regular,
ItalicFont      = *-Italic,
ItalicFeatures  = { SmallCapsFont = *-Italic },
SlantedFont     = *-Regular,
SlantedFeatures= {FakeSlant=0.2},
BoldFont        = *-\\libertinus@boldstyle,
BoldFeatures    = { SmallCapsFont = *-\\libertinus@boldstyle },
BoldItalicFont  = *-\\libertinus@boldstyle Italic,
BoldItalicFeatures = { SmallCapsFont = *-\\libertinus@boldstyle Italic },
BoldSlantedFont= *-\\libertinus@boldstyle,
BoldSlantedFeatures = {FakeSlant=0.2, SmallCapsFont = *-\\libertinus@boldstyle },
SmallCapsFont   = *-Regular,
SmallCapsFeatures={RawFeature+=smcp},
Extension       = .otf

```

```

]
\setsansfont{LibertinusSans}[
  Extension      = .otf,
  RawFeature     = {\libertinus@figurealign;\libertinus@figurestyle} ,
  Scale          = \libertinusSF@scale ,
  UprightFont    = *-Regular,
  ItalicFont     = *-Italic,
  ItalicFeatures = { SmallCapsFont = *-Italic },
  SlantedFont    = *-Regular,
  SlantedFeatures= {FakeSlant=0.2},
  BoldFont       = *-Bold,
  BoldFeatures   = { SmallCapsFont = *-Bold },
  BoldItalicFont = *-Italic,
  BoldItalicFeatures = {RawFeature={embolden=3}},
  BoldSlantedFont= *-Bold,
  BoldSlantedFeatures = {FakeSlant=0.2, SmallCapsFont = *-Bold },
  SmallCapsFont  = *-Regular,
  SmallCapsFeatures={RawFeature=+smcp},
]
\newfontfamily\LibertinusSansOsF{LibertinusSans}[
  RawFeature     = {+onum;+pnum},
  Scale          = \libertinusSF@scale ,
  UprightFont    = *-Regular,
  ItalicFont     = *-Italic,
  ItalicFeatures = { SmallCapsFont = *-Italic },
  SlantedFont    = *-Regular,
  SlantedFeatures= {FakeSlant=0.2},
  BoldFont       = *-Bold,
  BoldFeatures   = { SmallCapsFont = *-Bold },
  BoldItalicFont = *-Italic,
  BoldItalicFeatures = {RawFeature={embolden=3}},
  BoldSlantedFont= *-Bold,
  BoldSlantedFeatures = {FakeSlant=0.2, SmallCapsFont = *-Bold },
  SmallCapsFont  = *-Regular,
  SmallCapsFeatures={RawFeature=+smcp},
  Extension      = .otf
]
\newfontfamily\LibertinusSansTLF{LibertinusSans}[
  RawFeature     = {+lnum;-onum;+tnum} ,
  Scale          = \libertinusSF@scale ,
  UprightFont    = *-Regular,
  ItalicFont     = *-Italic,
  ItalicFeatures = { SmallCapsFont = *-Italic },
  SlantedFont    = *-Regular,
  SlantedFeatures= {FakeSlant=0.2},
  BoldFont       = *-Bold,
  BoldFeatures   = { SmallCapsFont = *-Bold },
  BoldItalicFont = *-Italic,
  BoldItalicFeatures = {RawFeature={embolden=3}},

```

```

    BoldSlantedFont= *-Bold,
    BoldSlantedFeatures = {FakeSlant=0.2, SmallCapsFont = *-Bold },
    SmallCapsFont = *-Regular,
    SmallCapsFeatures={RawFeature=+smcp},
    Extension      = .otf
]
\iflibertinus@mono
\setmonofont{LibertinusMono}[
    RawFeature    = {\libertinus@figurealign; \libertinus@figurestyle},
    Scale         = \libertinusTT@scale,
    FakeStretch   = 0.8,
    UprightFont   = *-Regular,
    ItalicFont    = *-Regular,
    ItalicFeatures = {FakeSlant=0.2},
    SlantedFont   = *-Regular,
    SlantedFeatures={FakeSlant=0.2},
    BoldFont      = *-Regular,
    BoldFeatures  = {RawFeature={embolden=3}},
    BoldItalicFont = *-Regular,
    BoldItalicFeatures={FakeSlant=0.2,RawFeature={embolden=3}},
    Extension     = .otf,
]

\iflibertinus@nomath\else
\typeout{*****^^J%
    * Using libertinus math          *^^J%
    *****}%
\setmathfont{LibertinusMath-Regular.otf}[BoldFont=LibertinusMath-Bold.otf]
\setmathfont[version=bold,RawFeature={embolden=3}]{LibertinusMath-Regular.otf}
\fi

\newfontfamily\LibertinusKeyboard{libertinuskeyboard-regular.otf}
\newfontfamily\LibertinusDisplay{libertinusserifdisplay-regular.otf}
\newfontfamily\LibertinusInitials{libertinusserifinitials-regular.otf}

```

**Theorem 1 (Residue Theorem).** Let  $f$  be analytic in the region  $G$  except for the isolated singularities  $a_1, a_2, \dots, a_m$ . If  $\gamma$  is a closed rectifiable curve in  $G$  which does not pass through any of the points  $a_k$  and if  $\gamma \approx 0$  in  $G$  then

$$\operatorname{Res}_{z=a} f(z) = \operatorname{Res}_a f = \frac{1}{2\pi i} \int_C f(z) dz,$$

where  $C \subset D \setminus \{a\}$  is a closed line  $n(C, a) = 1$  (e. g. a counterclockwise circle loop).

ΑΑΛΔ∇ΒCΔΣΕFΓHΙJΚLΜNΟΘΩΡΦΠΞQΡSΤU∇WΧΥΥΨΖ ABCDabcd1234

ααββcδdδeεεfζξgγhñiijklλmnηθθoσςφφϞpρqqrstτπυμνvwωω

$xyz^\infty \propto \mathcal{O}y = f(x)$

$$\Sigma \int \Pi \Pi \int \Sigma \Sigma_a^b \int_a^b \Pi_a^b \sum_a^b \int_a^b \prod_a^b$$

ΑΑΛΔ∇ΒCΔΣΕFΓHΙJΚLΜNΟΘΩΡΦΠΞQΡSΤU∇WΧΥΥΨΖ ABCDabcd1234

ααββcδdδeεεfζξgγhñiijklλmnηθθoσςφφϞpρqqrstτπυμνvwωω

$xyz^\infty \propto \mathcal{O}y = f(x)$

$$\Sigma \int \Pi \Pi \int \Sigma \Sigma_a^b \int_a^b \Pi_a^b \sum_a^b \int_a^b \prod_a^b$$

## 1.1 The serif font

Honoru myśliwych zaraza Rymsza Libijskich wszystkich Wożny przerywał szczodroty opowiadań. Cesar-  
sarskich znaczy rączy muchom malarstwie spisem różowemi zacnie urządzał. Nasze Praga stare żeś Żyje  
cnoty Tabor. Mówcy pokój Również śmielój wionęła jarzynach liczne drogą jastrząb słowo zabawy od-  
jechał życie. Dano ojcu Wyprowadzają kuca dramatycznych myśliwskim bór pęk żyt maja Wiec. Nię  
Taka Albo tace Usta pęk ucha.

mdseries  
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**Honoru myśliwych zaraza Rymsza Libijskich wszystkich Wożny przerywał szczodroty opo-  
wiadań. Cesar-  
sarskich znaczy rączy muchom malarstwie spisem różowemi zacnie urządzał. Nasze Praga stare żeś Żyje  
cnoty Tabor. Mówcy pokój Również śmielój wionęła jarzynach liczne drogą jastrząb słowo zabawy od-  
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Usta pęk ucha.*

mdseries  
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**Honoru myśliwych zaraza Rymsza Libijskich wszystkich Wożny przerywał szczodroty opowia-  
dań. Cesar-  
sarskich znaczy rączy muchom malarstwie spisem różowemi zacnie urządzał. Nasze Praga stare żeś Żyje  
cnoty Tabor. Mówcy pokój Również śmielój wionęła jarzynach liczne drogą jastrząb słowo zabawy od-  
jechał życie. Dano ojcu Wyprowadzają kuca dramatycznych myśliw-  
skim bór pęk żyt maja Wiec. Nię Taka Albo tace Usta pęk ucha.**

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sarskich znaczy rączy muchom malarstwie spisem różowemi zacnie urządzał. Nasze Praga stare żeś Żyje  
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Taka Albo tace Usta pęk ucha.*

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*Honoru myśliwych zaraza Rymsza Libijskich wszystkich Woźny przerywał szczodroty opowiadań. Cesarskich znaczy rączy muchom malarstwie spisem różowemi zacnie urządzał. Nasze Praga stare żeś Żyje cnoty Tabor. Mówcy pokój Również śmielój wionęła jarzynach liczne drogą jastrząb słowo zabawy odjechał życie. Dano ojcu Wyprowadzają kuca dramatycznych myśliwskim bór pęk żyt maja Wiec. Nię Taka Albo tace Usta pęk ucha.*

HONORU MYŚLIWYCH ZARAZA RYMSZA LIBIJSKICH WSZYSTKICH WOŹNY PRZERYWAŁ SZCZODROTY OPOWIADAŃ. CESARSKICH ZNACZY RĄCZY MUCHOM MALARSTWIE SPISEM RÓŻOWEMI ZACNIE URZĄDZAŁ. NASZE PRAGA STARE ŻEŚ ŻYJE CNOTY TABOR. MÓWCY POKÓJ RÓWNIEŻ ŚMIELÉJ WIONĘŁA JARZYNACH LICZNE DROGĄ JASTRZĄB SŁOWO ZABAWY ODJECHAŁ ŻYCIE. DANO OJCU WYPROWADZAJĄ KUCA DRAMATYCZNYCH MYŚLIWSKIEM BÓR PĘK ŻYT MAJA WIEC. NIĘ TAKA ALBO TACE USTA PĘK UCHA.

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**HONORU MYŚLIWYCH ZARAZA RYMSZA LIBIJSKICH WSZYSTKICH WOŹNY PRZERYWAŁ SZCZODROTY OPOWIADAŃ. CESARSKICH ZNACZY RĄCZY MUCHOM MALARSTWIE SPISEM RÓŻOWEMI ZACNIE URZĄDZAŁ. NASZE PRAGA STARE ŻEŚ ŻYJE CNOTY TABOR. MÓWCY POKÓJ RÓWNIEŻ ŚMIELÉJ WIONĘŁA JARZYNACH LICZNE DROGĄ JASTRZĄB SŁOWO ZABAWY ODJECHAŁ ŻYCIE. DANO OJCU WYPROWADZAJĄ KUCA DRAMATYCZNYCH MYŚLIWSKIEM BÓR PĘK ŻYT MAJA WIEC. NIĘ TAKA ALBO TACE USTA PĘK UCHA.**

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*HONORU MYŚLIWYCH ZARAZA RYMSZA LIBIJSKICH WSZYSTKICH WOŹNY PRZERYWAŁ SZCZODROTY OPOWIADAŃ. CESARSKICH ZNACZY RĄCZY MUCHOM MALARSTWIE SPISEM RÓŻOWEMI ZACNIE URZĄDZAŁ. NASZE PRAGA STARE ŻEŚ ŻYJE CNOTY TABOR. MÓWCY POKÓJ RÓWNIEŻ ŚMIELÉJ WIONĘŁA JARZYNACH LICZNE DROGĄ JASTRZĄB SŁOWO ZABAWY ODJECHAŁ ŻYCIE. DANO OJCU WYPROWADZAJĄ KUCA DRAMATYCZNYCH MYŚLIWSKIEM BÓR PĘK ŻYT MAJA WIEC. NIĘ TAKA ALBO TACE USTA PĘK UCHA.*

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***HONORU MYŚLIWYCH ZARAZA RYMSZA LIBIJSKICH WSZYSTKICH WOŹNY PRZERYWAŁ SZCZODROTY OPOWIADAŃ. CESARSKICH ZNACZY RĄCZY MUCHOM MALARSTWIE SPISEM RÓŻOWEMI ZACNIE URZĄDZAŁ. NASZE PRAGA STARE ŻEŚ ŻYJE CNOTY TABOR. MÓWCY POKÓJ RÓWNIEŻ ŚMIELÉJ WIONĘŁA JARZYNACH LICZNE DROGĄ JASTRZĄB SŁOWO ZABAWY ODJECHAŁ ŻYCIE. DANO OJCU WYPROWADZAJĄ KUCA DRAMATYCZNYCH MYŚLIWSKIEM BÓR PĘK ŻYT MAJA WIEC. NIĘ TAKA ALBO TACE USTA PĘK UCHA.***

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*HONORU MYŚLIWYCH ZARAZA RYMSZA LIBIJSKICH WSZYSTKICH WOŹNY PRZERYWAŁ SZCZODROTY OPOWIADAŃ. CESARSKICH ZNACZY RĄCZY MUCHOM MALARSTWIE SPISEM RÓŻOWEMI ZACNIE URZĄDZAŁ. NASZE PRAGA STARE ŻEŚ ŻYJE CNOTY TABOR. MÓWCY POKÓJ RÓWNIEŻ ŚMIELÉJ WIONĘŁA JARZYNACH LICZNE DROGĄ JASTRZĄB SŁOWO ZABAWY ODJECHAŁ ŻYCIE. DANO OJCU WYPROWADZAJĄ KUCA DRAMATYCZNYCH MYŚLIWSKIEM BÓR PĘK ŻYT MAJA WIEC. NIĘ TAKA ALBO TACE USTA PĘK UCHA.*

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***HONORU MYŚLIWYCH ZARAZA RYMSZA LIBIJSKICH WSZYSTKICH WOŹNY PRZERYWAŁ SZCZODROTY OPOWIADAŃ. CESARSKICH ZNACZY RĄCZY MUCHOM MALARSTWIE SPISEM RÓŻOWEMI ZACNIE URZĄDZAŁ. NASZE PRAGA STARE ŻEŚ ŻYJE CNOTY TABOR. MÓWCY POKÓJ RÓWNIEŻ ŚMIELÉJ WIONĘŁA JARZYNACH LICZNE DROGĄ JASTRZĄB SŁOWO ZABAWY ODJECHAŁ ŻYCIE. DANO OJCU WYPROWADZAJĄ KUCA DRAMATYCZNYCH MYŚLIWSKIEM BÓR PĘK ŻYT MAJA WIEC. NIĘ TAKA ALBO TACE USTA PĘK UCHA.***

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## 1.2 The sans serif font

Honoru myśliwych zaraza Rymsza Libijskich wszystkich Woźny przerywał szczodroty opowiadań. Cesarskich znaczy rączy muchom malarstwie spisem różowemi zacnie urządzał. Nasze Praga stare żeś Żyje cnoty Tabor. Mówcy pokój Również śmielój wionęła jarzynach liczne drogą jastrząb słowo zabawy odjechał życie. Dano ojcu Wyprowadzają kuca dramatycznych myśliwskim bór pęk żyt maja Wiec. Nię Taka Albo tace Usta pęk ucha.

mdseries  
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**Honoru myśliwych zaraza Rymsza Libijskich wszystkich Wożny przerywał szczodroty opowiadań. Cesar-  
skich znaczy rączy muchom malarstwie spisem różowemi zanie urządził. Nasze Praga stare żeś Żyje cnoty Tabor. Mówcy pokój Również śmielój wionęła jarzynach liczne  
drogą jastrzęb słowo zabawy odjechał życie. Dano ojcu Wyprowadzają kuca dramatycznych myśliwskim bór pęk żyt maja Wiec. Nię Taka Albo tace Usta pęk ucha.**

bfseries  
upright

*Honoru myśliwych zaraza Rymsza Libijskich wszystkich Wożny przerywał szczodroty opowiadań. Cesar-  
skich znaczy rączy muchom malarstwie spisem różowemi zanie urządził. Nasze Praga stare żeś Żyje cnoty  
Tabor. Mówcy pokój Również śmielój wionęła jarzynach liczne drogą jastrzęb słowo zabawy odjechał życie.  
Dano ojcu Wyprowadzają kuca dramatycznych myśliwskim bór pęk żyt maja Wiec. Nię Taka Albo tace  
Usta pęk ucha.*

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**Honoru myśliwych zaraza Rymsza Libijskich wszystkich Wożny przerywał szczodroty opowiadań. Cesar-  
skich znaczy rączy muchom malarstwie spisem różowemi zanie urządził. Nasze Praga stare żeś Żyje cnoty  
Tabor. Mówcy pokój Również śmielój wionęła jarzynach liczne drogą jastrzęb słowo zabawy odjechał życie.  
Dano ojcu Wyprowadzają kuca dramatycznych myśliwskim bór pęk żyt maja Wiec. Nię Taka Albo tace  
Usta pęk ucha.**

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*Honoru myśliwych zaraza Rymsza Libijskich wszystkich Wożny przerywał szczodroty opowiadań. Ce-  
sarskich znaczy rączy muchom malarstwie spisem różowemi zanie urządził. Nasze Praga stare żeś  
Żyje cnoty Tabor. Mówcy pokój Również śmielój wionęła jarzynach liczne drogą jastrzęb słowo za-  
bawy odjechał życie. Dano ojcu Wyprowadzają kuca dramatycznych myśliwskim bór pęk żyt maja  
Wiec. Nię Taka Albo tace Usta pęk ucha.*

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**Honoru myśliwych zaraza Rymsza Libijskich wszystkich Wożny przerywał szczodroty opo-  
wiadań. Cesar-  
skich znaczy rączy muchom malarstwie spisem różowemi zanie urządził. Na-  
sze Praga stare żeś Żyje cnoty Tabor. Mówcy pokój Również śmielój wionęła jarzynach liczne  
drogą jastrzęb słowo zabawy odjechał życie. Dano ojcu Wyprowadzają kuca dramatycznych  
myśliwskim bór pęk żyt maja Wiec. Nię Taka Albo tace Usta pęk ucha.**

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**HONORU MYŚLIWYCH ZARAZA RYMSZA LIBIJSKICH WSZYSTKICH WOŻNY PRZERYWAŁ SZCZODROTY OPOWIA-  
DAŃ. CESARSKICH ZNACZY RĄCZY MUCHOM MALARSTWIE SPISEM RÓŻOWEMI ZANIE URZĄDZAŁ. NASZE PRAGA STARE  
ŻEŚ ŻYJE CNOTY TABOR. MÓWCY POKÓJ RÓWNIEŻ ŚMIELÉJ WIONĘŁA JARZYNACH LICZNE DROGĄ JASTRZĄB SŁOWO  
ZABAWY ODJECHAŁ ŻYCIE. DANO OJCU WYPROWADZAJĄ KUCA DRAMATYCZNYCH MYŚLIWSKIEM BÓR PĘK ŻYT  
MAJA WIEC. NIĘ TAKA ALBO TACE USTA PĘK UCHA.**

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**HONORU MYŚLIWYCH ZARAZA RYMSZA LIBIJSKICH WSZYSTKICH WOŻNY PRZERYWAŁ SZCZODROTY OPO-  
WIADAŃ. CESARSKICH ZNACZY RĄCZY MUCHOM MALARSTWIE SPISEM RÓŻOWEMI ZANIE URZĄDZAŁ. NASZE PRAGA STARE  
ŻEŚ ŻYJE CNOTY TABOR. MÓWCY POKÓJ RÓWNIEŻ ŚMIELÉJ WIONĘŁA JARZYNACH  
LICZNE DROGĄ JASTRZĄB SŁOWO ZABAWY ODJECHAŁ ŻYCIE. DANO OJCU WYPROWADZAJĄ KUCA DRA-  
MATYCZNYCH MYŚLIWSKIEM BÓR PĘK ŻYT MAJA WIEC. NIĘ TAKA ALBO TACE USTA PĘK UCHA.**

bfseries  
upright  
scshape

*HONORU MYŚLIWYCH ZARAZA RYMSZA LIBIJSKICH WSZYSTKICH WOŻNY PRZERYWAŁ SZCZODROTY OPOWIA-  
DAŃ. CESARSKICH ZNACZY RĄCZY MUCHOM MALARSTWIE SPISEM RÓŻOWEMI ZANIE URZĄDZAŁ. NASZE PRAGA STARE  
ŻEŚ ŻYJE CNOTY TABOR. MÓWCY POKÓJ RÓWNIEŻ ŚMIELÉJ WIONĘŁA JARZYNACH LICZNE DROGĄ JASTRZĄB  
SŁOWO ZABAWY ODJECHAŁ ŻYCIE. DANO OJCU WYPROWADZAJĄ KUCA DRAMATYCZNYCH MYŚLIWSKIEM BÓR  
PĘK ŻYT MAJA WIEC. NIĘ TAKA ALBO TACE USTA PĘK UCHA.*

mdseries  
itshape  
scshape

**HONORU MYŚLIWYCH ZARAZA RYMSZA LIBIJSKICH WSZYSTKICH WOŻNY PRZERYWAŁ SZCZODROTY OPOWIA-  
DAŃ. CESARSKICH ZNACZY RĄCZY MUCHOM MALARSTWIE SPISEM RÓŻOWEMI ZANIE URZĄDZAŁ. NASZE PRAGA STARE  
ŻEŚ ŻYJE CNOTY TABOR. MÓWCY POKÓJ RÓWNIEŻ ŚMIELÉJ WIONĘŁA JARZYNACH LICZNE DROGĄ JASTRZĄB  
SŁOWO ZABAWY ODJECHAŁ ŻYCIE. DANO OJCU WYPROWADZAJĄ KUCA DRAMATYCZNYCH MYŚLIWSKIEM BÓR**

bfseries  
itshape  
scshape



**PĘK ŻYT MAJA WIEC. NIĘ TAKA ALBO TACE USTA PĘK UCHA.**

*HONORU MYŚLIWYCH ZARAZA RYMSZA LIBIJSKICH WSZYSTKICH WOŻNY PRZERYWAŁ SZCZODROTY OPOWIADAŃ. CESARSKICH ZNACZY RĄCZY MUCHOM MALARSTWIE SPISEM RÓŻOWEMI ZACNIE URZĄDZAŁ. NASZE PRAGA STARE ŻEŚ ŻYJE CNOTY TABOR. MÓWCY POKÓJ RÓWNIEŻ ŚMIELÉJ WIONĘŁA JARZYNACH LICZNE DROGĄ JASTRZĄB SŁOWO ZABAWY ODJECHAŁ ŻYCIE. DANO OJCU WYPROWADZAJĄ KUCA DRAMATYCZNYCH MYŚLIWSKIÉM BÓR PĘK ŻYT MAJA WIEC. NIĘ TAKA ALBO TACE USTA PĘK UCHA.*

mdseries  
slshape  
scspape

**HONORU MYŚLIWYCH ZARAZA RYMSZA LIBIJSKICH WSZYSTKICH WOŻNY PRZERYWAŁ SZCZODROTY OPOWIADAŃ. CESARSKICH ZNACZY RĄCZY MUCHOM MALARSTWIE SPISEM RÓŻOWEMI ZACNIE URZĄDZAŁ. NASZE PRAGA STARE ŻEŚ ŻYJE CNOTY TABOR. MÓWCY POKÓJ RÓWNIEŻ ŚMIELÉJ WIONĘŁA JARZYNACH LICZNE DROGĄ JASTRZĄB SŁOWO ZABAWY ODJECHAŁ ŻYCIE. DANO OJCU WYPROWADZAJĄ KUCA DRAMATYCZNYCH MYŚLIWSKIÉM BÓR PĘK ŻYT MAJA WIEC. NIĘ TAKA ALBO TACE USTA PĘK UCHA.**

bfseries  
slshape  
scspape

### 1.3 The mono font

If you do not like the monofont, you can use the package option `mono=false`, then no mono font is defined and the default Latin Modern Mono will be used unless no one other will be defined. However, by default the package loads the Libertinus Mono font:

```
-. ,mnbvcxy<#äölkjhgfdsa+üpoiuztrewq^234567890ß' '?(/(&$$"!°QWERTZUIOPÜ*'ÄÖLKJHGFDSA>YXCVBNM;:_  
-. ,mnbvcxy<#äölkjhgfdsa+üpoiuztrewq^234567890ß' '?(/(&$$"!°QWERTZUIOPÜ*'ÄÖLKJHGFDSA>YXCVBNM;:_  
-. ,mnbvcxy<#äölkjhgfdsa+üpoiuztrewq^234567890ß' '?(/(&$$"!°QWERTZUIOPÜ*'ÄÖLKJHGFDSA>YXCVBNM;:_  
-. ,mnbvcxy<#äölkjhgfdsa+üpoiuztrewq^234567890ß' '?(/(&$$"!°QWERTZUIOPÜ*'ÄÖLKJHGFDSA>YXCVBNM;:_
```

Honoru myśliwych zaraza Rymsza Libijskich wszystkich Wożny przerywał szczodroty opowiadań. Cesarских znaczy rączy muchom malarstwie spisem różowemi zacnie urządzał. Nasze Praga stare żeś żyje cnoty Tabor. Mówcy pokój Również śmielój wionęła jarzynach liczne drogą jastrząb słowo zabawy odjechał życie. Dano ojcu Wyprowadzają kuca dramatycznych myśliwskim bór pęk żyt maja Wiec. Nię Taka Albo tace Usta pęk ucha.

mdseries  
upright

**Honoru myśliwych zaraza Rymsza Libijskich wszystkich Wożny przerywał szczodroty opowiadań. Cesarских znaczy rączy muchom malarstwie spisem różowemi zacnie urządzał. Nasze Praga stare żeś żyje cnoty Tabor. Mówcy pokój Również śmielój wionęła jarzynach liczne drogą jastrząb słowo zabawy odjechał życie. Dano ojcu Wyprowadzają kuca dramatycznych myśliwskim bór pęk żyt maja Wiec. Nię Taka Albo tace Usta pęk ucha.**

bfseries  
upright

*Honoru myśliwych zaraza Rymsza Libijskich wszystkich Wożny przerywał szczodroty opowiadań. Cesarских znaczy rączy muchom malarstwie spisem różowemi zacnie urządzał. Nasze Praga stare żeś żyje cnoty Tabor. Mówcy pokój Również śmielój wionęła jarzynach liczne drogą jastrząb słowo zabawy odjechał życie. Dano ojcu Wyprowadzają kuca dramatycznych myśliwskim bór pęk żyt maja Wiec. Nię Taka Albo tace Usta pęk ucha.*

mdseries  
slshape

**Honoru myśliwych zaraza Rymsza Libijskich wszystkich Wożny przerywał szczodroty opowiadań. Cesarских znaczy rączy muchom malarstwie spisem różowemi zacnie urządzał. Nasze Praga stare żeś żyje cnoty Tabor. Mówcy pokój Również śmielój wionęła jarzynach liczne drogą jastrząb słowo zabawy odjechał życie. Dano ojcu Wyprowadzają kuca dramatycznych myśliwskim bór pęk żyt maja Wiec. Nię Taka Albo tace Usta pęk ucha.**

bfseries  
slshape

## 2 Features

```
otfinfo --features libertine-serif-regular.otf
c2sc    Small Capitals From Capitals
calt    Contextual Alternates
case    Case-Sensitive Forms
ccmp    Glyph Composition/Decomposition
cspc    Capital Spacing
dlig    Discretionary Ligatures
fina    Terminal Forms
frac    Fractions
hlig    Historical Ligatures
kern    Kerning
liga    Standard Ligatures
lnum    Lining Figures
mark    Mark Positioning
mkmk    Mark to Mark Positioning
nalt    Alternate Annotation Forms
onum    Oldstyle Figures
pnum    Proportional Figures
salt    Stylistic Alternates
sinf    Scientific Inferiors
smcp    Small Capitals
ss01    Stylistic Set 1
ss02    Stylistic Set 2
ss03    Stylistic Set 3
ss04    Stylistic Set 4
ss05    Stylistic Set 5
ss06    Stylistic Set 6
supc    Superscript
tnum    Tabular Figures
zero    Slashed Zero
```

## 3 Package options

Possible optional arguments are

oldstyle, osf	old-style figures
lining, nf, lf	lining figures (default)
proportional, p	varying-width figures
tabular, t	fixed-width figures (default)
semibold, sb	semibold version
bold	bold version (default)
ScaleRM	scaling for the serif font, preset to 1
ScaleSF	scaling for the sans serif font, preset to 1
ScaleTT	scaling for the mono font, preset to MatchLowercase
defaultfeatures	valid for all fonts

```
\usepackage[osf]{libertinus-otf}
```

```
0000111122223333444455556666777788889999\par abcdefghijklmn
```

0000111122223333444455556666777788889999  
abcdefghijklmn

```
\usepackage[lining]{libertinus-otf}
```

```
0000111122223333444455556666777788889999\par abcdefghijklmn
```

0000111122223333444455556666777788889999  
abcdefghijklmn

```
\usepackage[t=false]{libertinus-otf}
```

```
0000111122223333444455556666777788889999\par  
\addfontfeatures{RawFeature=+tnum}%  
0000111122223333444455556666777788889999
```

0000111122223333444455556666777788889999  
0000111122223333444455556666777788889999

```
\usepackage[p]{libertinus-otf}
```

```
0000111122223333444455556666777788889999\par  
\addfontfeatures{RawFeature=-pnum}%  
0000111122223333444455556666777788889999
```

0000111122223333444455556666777788889999  
0000111122223333444455556666777788889999

### 3.1 Stylistic Sets

```
\usepackage{libertinus-otf}
```

```
ÄÖ\par\addfontfeatures{RawFeature=+ss01}  
ÄÖ
```

ÄÖ  
ÄÖ

```
\usepackage{libertinus-otf}
```

```
JKR\par\addfontfeatures{RawFeature=+ss02}  
JKR
```

JKR  
JKR

```
\usepackage{libertinus-otf}
```

```
{ß\addfontfeatures{RawFeature=+ss03}ß}\parß  
\addfontfeatures{RawFeature=+ss04ß}
```

$$\begin{array}{l} \beta_{ss} \\ \beta_{SS} \end{array}$$

```
\usepackage{libertinus-otf}
```

```
\huge
W
\addfontfeatures{RawFeature=+ss05}
W
\verb=\Wikipedia=%
$\rightarrow$Wikipedia
```

$$W \setminus W \backslash \text{Wikipedia} \rightarrow W$$

```
\usepackage{libertinus-otf}
```

```
\huge\&  
\addfontfeatures{RawFeature=+ss06}  
\&
```





































$\& \mathcal{E}$
------------------

## 4 Additional fonts

```
\font\LibertinusKeyboard="file:LibertinusKeyboard-Regular.otf"  
\newfontfamily\LibertinusDisplay{libertinusdisplay-regular.otf}  
\newfontfamily\LibertinusInitials{libertinusinitials-regular.otf}
```

## 4.1 Keyboard font

!	"	#	\$	%	&	'	(	)	*	+	,	-	.	/	0	1	2	3	4	5	6	7	8	9	:	;	<	=	>	?	
@	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	[	\	]	^	
_	`	a	b	c	d	e	f	g	h	i	j	k	l	m	n	o	p	q	r	s	t	u	v	w	x	y	z	{		}	
~	¡	¢	£	¤	¥	¦	§	¨	©	±	´	µ	¶	·	»	À	Á	Â	Ã	Ä	Å	Ç	È	É	Ê	Ë	Ì	Í	Î	Ï	
Ð	Ñ	Ò	Ó	Ô	Õ	Ö	×	Ø	Ù	Ú	Û	Ü	Ý	Þ	ß	à	á	â	ã	ä	å	æ	ç	è	é	ê	ë	ì	í	î	ï
ï	ð	ñ	ò	ó	ô	õ	ö	÷	ø	ù	ú	û	ü	ý	þ	ÿ	Ā	ā	Ă	ă	Ą	ą	Ć	ć	Ĉ	ĉ	Č	č	Ď	ď	Ď
đ	Đ	đ	Ē	ē	Ĕ	ė	Ê	ë	Ė	ė	Ĝ	ğ	Ğ	ğ	Ġ	ġ	Ģ	ģ	Ĥ	ĥ	Ħ	ħ	İ	ı	Í	î	Ĳ	ĳ	Ĳ	ĳ	Ĳ
Ĵ	ĵ	Ķ	ķ	Ľ	ĺ	Ł	ł	Ł	ł	Ł	ł	Ł	ł	Ł	ł	Ł	ł	Ł	ł	Ł	ł	Ł	ł	Ł	ł	Ł	ł	Ł	ł	Ł	ł
Œ	œ	Œ	œ	Œ	œ	Œ	œ	Œ	œ	Œ	œ	Œ	œ	Œ	œ	Œ	œ	Œ	œ	Œ	œ	Œ	œ	Œ	œ	Œ	œ	Œ	œ	Œ	œ
Ů	ů	Ů	ů	Ů	ů	Ů	ů	Ů	ů	Ů	ů	Ů	ů	Ů	ů	Ů	ů	Ů	ů	Ů	ů	Ů	ů	Ů	ů	Ů	ů	Ů	ů	Ů	ů
Ű	ű	Ű	ű	Ű	ű	Ű	ű	Ű	ű	Ű	ű	Ű	ű	Ű	ű	Ű	ű	Ű	ű	Ű	ű	Ű	ű	Ű	ű	Ű	ű	Ű	ű	Ű	ű
Ẁ	ẁ	Ẃ	ẃ	Ẅ	ẅ	Ẇ	ẇ	Ẉ	ẉ	Ẑ	ẑ	Ẓ	ẓ	Ẕ	ẕ	ẖ	ẗ	ẘ	ẙ	ẚ	ẛ	ẜ	ẝ	ẞ	ẟ	Ạ	ạ	Ả	ả	Ấ	ấ
Ầ	ầ	Ẩ	ẏ	Ằ	ằ	Ẳ	ẳ	Ẵ	ẵ	Ặ	ặ	Ẹ	ẹ	Ẻ	ẻ	Ẽ	Ẽ	Ẽ	Ẽ	Ẽ	Ẽ	Ẽ	Ẽ	Ẽ	Ẽ	Ẽ	Ẽ	Ẽ	Ẽ	Ẽ	Ẽ
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Ẹ	ẹ	Ẻ	ẻ	Ẽ	Ẽ	Ẽ	Ẽ	Ẽ	Ẽ	Ẽ	Ẽ	Ẽ	Ẽ	Ẽ	Ẽ	Ẽ	Ẽ	Ẽ	Ẽ	Ẽ	Ẽ	Ẽ	Ẽ	Ẽ	Ẽ	Ẽ	Ẽ	Ẽ	Ẽ	Ẽ	Ẽ
Ẹ	ẹ	Ẻ	ẻ	Ẽ	Ẽ	Ẽ	Ẽ	Ẽ	Ẽ	Ẽ	Ẽ	Ẽ	Ẽ	Ẽ	Ẽ	Ẽ	Ẽ	Ẽ	Ẽ	Ẽ	Ẽ	Ẽ	Ẽ	Ẽ	Ẽ	Ẽ	Ẽ	Ẽ	Ẽ	Ẽ	Ẽ
Ẹ	ẹ	Ẻ	ẻ	Ẽ	Ẽ	Ẽ	Ẽ																								

\LKeyStrg \LKeyAlt \LKeyAltGr \LKeyShift \LKeyTab \LKeyEnter \LKeyCapslock \LKeyPos \LKeyEntf  
          
 \LKeyEinf \LKeyLeer \LKeyEsc \LKeyEnde \LKeyWin \LKeyMenu \LKeyCtrl \LKeyOptionKey \LKeyBack  
          
 \LKeyUp \LKeyDown \LKeyLeft \LKeyRight \LKeyBildUp \LKeyBildDown \LKeyAt \LKeyFn  
         
 \LKeyHome \LKeyDel \LKeyIns \LKeyEnd \LKeyGNU \LKeyPageUp \LKeyPageDown \LKeyF1 \LKeyF2 \LKeyF3  
         

```

\KeyF4 \KeyF5 \KeyF6 \KeyF7 \KeyF8 \KeyF9 \KeyF10 \KeyF11 \KeyF12 \KeyF13 \KeyF14 \KeyF15
  F4    F5    F6    F7    F8    F9    F10   F11   F12   F13   F14   F15
\KeyF16
  F16

\KeyStrgAltEntf \KeyPad0 \KeyPad1 \KeyPad2 \KeyPad3 \KeyPad4 \KeyPad5 \KeyPad6 \KeyPad7
Strg+ Alt+ Entf Pad0 Pad1 Pad2 Pad3 Pad4 Pad5 Pad6 Pad7
\KeyPad8 \KeyPad9
  Pad8 Pad9

\KeyWindows
  ##

\DeclareRobustCommand*\KeyAltF[1]{\KeyAlt+\@nameuse{libertine@key@F@#1}}
\DeclareRobustCommand*\KeyStrgAltF[1]{\KeyStrg+\KeyAlt+\@nameuse{libertine@key@F@#1}}
\DeclareRobustCommand*\KeyStrgX[1]{\KeyStrg+\Key{#1}}
\DeclareRobustCommand*\KeyShiftX[1]{\KeyShift+\Key{#1}}
\DeclareRobustCommand*\KeyAltX[1]{\KeyAlt+\Key{#1}}
\DeclareRobustCommand*\KeyAltGrX[1]{\KeyAltGr+\Key{#1}}
\DeclareRobustCommand*\KeyShiftStrgX[1]{\KeyShift+\KeyStrg+\Key{#1}}
\DeclareRobustCommand*\KeyShiftAltX[1]{\KeyShift+\KeyAlt+\Key{#1}}
\DeclareRobustCommand*\KeyShiftAltGrX[1]{\KeyShift+\KeyAltGr+\Key{#1}}
\DeclareRobustCommand*\KeyStrgAltX[1]{\KeyStrg+\KeyAlt+\Key{#1}}
\DeclareRobustCommand*\KeyStrgAltEntf{\KeyStrg+\KeyAlt+\KeyEntf}
\let\KeyReset\KeyStrgAltEntf

\KeyAltF1 \KeyStrgAltF1 \KeyStrgXC \KeyShiftXC \KeyAltXC \KeyAltGrXC \KeyShiftStrgXC
  Alt+F1 Strg+Alt+F1 Strg+C Alt+C AltGr+C Alt+Strg+C
\KeyShiftAltXC \KeyShiftAltGrXC \KeyStrgAltXC \KeyStrgAltEntf \KeyReset
  Alt+Alt+C Alt+AltGr+C Strg+Alt+C Strg+Alt+Entf Strg+Alt+Entf

```

## 4.2 Display font

Honoru myśliwych zaraza Rymsha Libijskich wszystkich Woźny przerywał szczodroty opowiadań. Cezarskich znaczy rączy muchom malarstwie spisem różowemi zacnie urządał. Nasze Praga stare żeś Żyje cnoty Tabor. Mówcy pokój Również śmielój wionęła jarzynach liczne drogą jastrząb słowo zabawy odjechał życie. Dano ojcu Wyprowadzają kuca dramatycznych myśliwskim bór pęk żył maja Wiec. Nię Taka Albo tace Usta pęk ucha.

## 4.3 Initial font

0 1 2 3 4 5 6 7 8 9 0 A B C D E F G H I J K L M N O P Q R S T U V W X Y Z Ä Å Æ Ç Ö Ø  
 U ☒

## 5 Font commands

Instead of using the command `\fontspec` for changing to a different type of a Libertinus font, one can use a predefined command:

```
\LibertinusSerifSB (SemiBold)
\LibertinusSerifOsF (Old style proportional figures)
\LibertinusSansOsF (Old style proportional figures)
```

```
\usepackage{libertinus}
```

```
The default 0123456
{\bfseries standard bold}
{\LibertinusSerifSB\bfseries SemiBold 0123456}
\LibertinusSerifOsF normal weight 0123456
\LibertinusSansOsF normal weight 0123456
```

The default 0123456 <b>standard bold SemiBold 0123456</b> normal weight 0123456 normal weight 0123456
--

## 6 The font list of Libertinus Serif

-1: (.notdef)	-1: (longs_s)	-1: (t.sc)	-1: (aeacute.sc)	-1: (nine.oldstyle)
-1: (otilde.sc)	-1: (abreve.sc)	-1: (u.sc)	-1: (uni0305.700)	-1: (five.oldstyle)
-1: (odieresis.sc)	-1: (racute.sc)	-1: (o.sc)	-1: (uni0305.800)	-1: (germandbls.ss03)
-1: (oe.sc)	-1: (eogonek.sc)	-1: (s.sc)	-1: (uni0332.650)	-1: (four.oldstyle)
-1: (ocircumflex.sc)	-1: (gbreve.sc)	-1: (q.sc)	-1: (uni0332.700)	-1: (five.taboldstyle)
-1: (ograve.sc)	-1: (ncaron.sc)	-1: (r.sc)	-1: (uni0332.750)	-1: (R.alt)
-1: (oacute.sc)	-1: (eng.sc)	-1: (f_f_k)	-1: (uni0332.600)	-1: (c_t)
-1: (ntilde.sc)	-1: (ecaron.sc)	-1: (d.sc)	-1: (uni0332.500)	-1: (two.taboldstyle)
-1: (eth.sc)	-1: (nacute.sc)	-1: (b.sc)	-1: (uni0332.550)	-1: (three.taboldstyle)
-1: (oslash.sc)	-1: (lacute.sc)	-1: (c_k)	-1: (uni0332.450)	-1: (t_t)
-1: (uacute.sc)	-1: (lslash.sc)	-1: (c_h)	-1: (uni0332.400)	-1: (one.taboldstyle)
-1: (thorn.sc)	-1: (t_z)	-1: (zero.slash.fitted)	-1: (uni0332.800)	-1: (h.alt)
-1: (ydieresis.sc)	-1: (x.sc)	-1: (f_t)	-1: (uni0332.900)	-1: (zero.taboldstyle)
-1: (ugrave.sc)	-1: (v.sc)	-1: (f_j)	-1: (uni0332.1100)	-1: (q.sc.u)
-1: (yacute.sc)	-1: (one.oldstyle)	-1: (f_k)	-1: (uni0332.1150)	-1: (p.inferior)
-1: (ucircumflex.sc)	-1: (s_t)	-1: (c.sc)	-1: (uni0332.850)	-1: (r.inferior)
-1: (udieresis.sc)	-1: (one.fitted)	-1: (Q.u)	-1: (uni0332.1050)	-1: (f_f.short)
-1: (ij.sc)	-1: (zero.oldstyle)	-1: (zero.fitted)	-1: (uni0332.950)	-1: (zero.cap)
-1: (idieresis.sc)	-1: (longs_t)	-1: (k.sc)	-1: (uni0332.1000)	-1: (one.cap)
-1: (iacute.sc)	-1: (Yen.fitted)	-1: (a.sc)	-1: (uni0305.750)	-1: (f.short)
-1: (acircumflex.sc)	-1: (f_f_l)	-1: (T_h)	-1: (uni0332.350)	-1: (circumflex.cap)
-1: (atilde.sc)	-1: (f_f_i)	-1: (Euro.fitted)	-1: (uni0332.250)	-1: (breve.cap)
-1: (adieresis.sc)	-1: (two.fitted)	-1: (seven.fitted)	-1: (uni0305.1000)	-1: (acute.cap)
-1: (aacute.sc)	-1: (four.fitted)	-1: (nine.fitted)	-1: (uni0305.1050)	-1: (two.cap)
-1: (z.sc)	-1: (two.oldstyle)	-1: (Adieresis.alt)	-1: (uni0305.1100)	-1: (four.cap)
-1: (agrave.sc)	-1: (three.oldstyle)	-1: (a.scalt)	-1: (uni0305.950)	-1: (eight.cap)
-1: (icircumflex.sc)	-1: (three.fitted)	-1: (germandbls.alt)	-1: (uni0305.850)	-1: (nine.cap)
-1: (aring.sc)	-1: (eight.fitted)	-1: (uni0305.100)	-1: (uni0305.900)	-1: (three.cap)
-1: (ccedilla.sc)	-1: (five.fitted)	-1: (uni0305.150)	-1: (uni0332.300)	-1: (seven.cap)
-1: (edieresis.sc)	-1: (six.fitted)	-1: (uni0305.200)	-1: (uni0305.1150)	-1: (five.cap)
-1: (igrave.sc)	-1: (f_f_h)	-1: (uni0305.50)	-1: (uni0305.1250)	-1: (six.cap)
-1: (ae.sc)	-1: (f_l)	-1: (uni0249.dotless)	-1: (uni0332.150)	-1: (q.inferior)
-1: (ecircumflex.sc)	-1: (f_f)	-1: (uni0268.dotless)	-1: (uni0332.200)	-1: (grave.cap)
-1: (egrave.sc)	-1: (parenright.sc)	-1: (K.alt)	-1: (uni0305.1200)	-1: (idotaccent.sc)
-1: (eacute.sc)	-1: (bracketleft.sc)	-1: (nine.cap.fitted)	-1: (uni0332.100)	-1: (v.inferior)
-1: (y.sc)	-1: (bracketright.sc)	-1: (uni0305.250)	-1: (uni0305.1300)	-1: (w.inferior)
-1: (germandbls.scalt)	-1: (parenleft.sc)	-1: (uni0305.350)	-1: (uni0332.50)	-1: (y.inferior)
-1: (ampersand.alt)	-1: (Odieresis.alt)	-1: (uni0305.550)	-1: (longs_h)	-1: (u.inferior)
-1: (uring.sc)	-1: (Udieresis.alt)	-1: (uni0305.600)	-1: (uni0431.ital)	-1: (s.inferior)
-1: (uhungarumlaut.sc)	-1: (f_i)	-1: (uni0305.300)	-1: (W.alt)	-1: (t.inferior)
-1: (zacute.sc)	-1: (braceleft.sc)	-1: (uni0305.500)	-1: (b.inferior)	-1: (y.alt)
-1: (tbar.sc)	-1: (exclamdown.sc)	-1: (uni0305.400)	-1: (c.inferior)	-1: (z.inferior)
-1: (scaron.sc)	-1: (guillemotleft.sc)	-1: (uni0305.450)	-1: (d.inferior)	-1: (longs_i)
-1: (uni0163.sc)	-1: (guillemotright.sc)	-1: (uni0305.650)	-1: (hyphen.cap)	-1: (uni021B.sc)
-1: (scedilla.sc)	-1: (braceright.sc)	-1: (eight.cap.fitted)	-1: (nine.taboldstyle)	-1: (uni0219.sc)
-1: (sacute.sc)	-1: (guillemotright.sc)	-1: (six.cap.fitted)	-1: (uni1E9E.alt)	-1: (J.alt)
-1: (zdotaccent.sc)	-1: (questiondown.sc)	-1: (longs_j)	-1: (eight.taboldstyle)	-1: (longs_l)
-1: (lcaron.sc)	-1: (guillemotleft.sc)	-1: (longs_long_s_j)	-1: (seven.taboldstyle)	-1: (longs_long_s_i)
-1: (zero.slash)	-1: (w.sc)	-1: (longs_long_s_l)	-1: (f.inferior)	-1: (longs_long_s_i)
-1: (germandbls.sc)	-1: (f_f_j)	-1: (Eng.UCStyle.sc)	-1: (h.inferior)	-1: (uni0332.1200)
-1: (zcaron.sc)	-1: (f_h)	-1: (uni01E3.sc)	-1: (l.inferior)	-1: (uni0332.1250)
-1: (q.superior)	-1: (j.sc)	-1: (Eng.UCStyle)	-1: (m.inferior)	32: (space)
-1: (dcroat.sc)	-1: (l.sc)	-1: (seven.cap.fitted)	-1: (g.inferior)	33: ! (exclam)
-1: (tcaron.sc)	-1: (m.sc)	-1: (zero.slash.cap)	-1: (k.inferior)	34: ” (quotedbl)
-1: (hyphen.sc)	-1: (i.sc)	-1: (zero.cap.fitted)	-1: (i.inferior)	35: # (numbersign)
-1: (rcaron.sc)	-1: (g.sc)	-1: (four.cap.fitted)	-1: (j.inferior)	36: \$ (dollar)
-1: (ohungarumlaut.sc)	-1: (h.sc)	-1: (five.cap.fitted)	-1: (n.inferior)	37: % (percent)
-1: (cacute.sc)	-1: (f.sc)	-1: (zero.slash.cap.fitted)	-1: (six.taboldstyle)	38: & (ampersand)
-1: (ccaron.sc)	-1: (e.sc)	-1: (three.cap.fitted)	-1: (four.taboldstyle)	39: ’ (quotesingle)
-1: (dcaron.sc)	-1: (n.sc)	-1: (one.cap.fitted)	-1: (six.oldstyle)	40: ( (parenleft)
-1: (aogonek.sc)	-1: (p.sc)	-1: (two.cap.fitted)	-1: (seven.oldstyle)	41: ) (parenright)

42: *	(asterisk)	105: i	(i)	201: É	(Eacute)	264: Ć	(Ccircumflex)	327: Ñ	(Ncaron)
43: +	(plus)	106: j	(j)	202: Ê	(Ecircumflex)	265: Ĉ	(ccircumflex)	328: ħ	(ncaron)
44: ,	(comma)	107: k	(k)	203: Ě	(Edieresis)	266: Č	(Cdotaccent)	329: ħ̇	(napostrophe)
45: -	(hyphen)	108: l	(l)	204: Ĭ	(Igrave)	267: ċ	(cdotaccent)	330: Ŋ	(Eng)
46: .	(period)	109: m	(m)	205: Í	(Iacute)	268: Č̣	(Ccaron)	331: ŋ	(eng)
47: /	(slash)	110: n	(n)	206: Ī	(Icircumflex)	269: Č̣̣	(ccaron)	332: Ō	(Omacron)
48: 0	(zero)	111: o	(o)	207: Ĳ	(Idieresis)	270: Ď	(Dcaron)	333: ō	(omacron)
49: 1	(one)	112: p	(p)	208: Ð	(Eth)	271: ě	(dcaron)	334: Ȯ	(Obreve)
50: 2	(two)	113: q	(q)	209: Ñ̃	(Ntilde)	272: Đ	(Dcroat)	335: ȯ	(obreve)
51: 3	(three)	114: r	(r)	210: Ŏ	(Ograve)	273: đ	(dcroat)	336: Ű	(Ohungarumlaut)
52: 4	(four)	115: s	(s)	211: Ő	(Oacute)	274: Ē	(Emacron)	337: ő	(ohungarumlaut)
53: 5	(five)	116: t	(t)	212: Ő̃	(Ocircumflex)	275: ē	(emacron)	338: Œ	(OE)
54: 6	(six)	117: u	(u)	213: Ȯ̃	(Otilde)	276: Ĕ	(Ebreve)	339: œ	(oe)
55: 7	(seven)	118: v	(v)	214: Ȯ̇	(Odieresis)	277: ĕ	(ebreve)	340: Ŕ	(Racute)
56: 8	(eight)	119: w	(w)	215: ×	(multiply)	278: Ė	(Edotaccent)	341: ŕ	(racute)
57: 9	(nine)	120: x	(x)	216: Ø	(Oslash)	279: ě̇	(edotaccent)	342: Ŗ	(uni0156)
58: :	(colon)	121: y	(y)	217: Û	(Ugrave)	280: Ě̇	(Eogonek)	343: ŗ	(uni0157)
59: ;	(semicolon)	122: z	(z)	218: Ŭ	(Uacute)	281: ě̇̇	(eogonek)	344: Ŗ̣	(Rcaron)
60: <	(less)	123: {	(braceleft)	219: Ū	(Ucircumflex)	282: Ẹ̌	(Ecaron)	345: ř	(rcaron)
61: =	(equal)	124:	(bar)	220: Ü	(Udieresis)	283: ẹ̌	(ecaron)	346: Š	(Sacute)
62: >	(greater)	125: }	(braceright)	221: Ý	(Yacute)	284: Ğ	(Gcircumflex)	347: š	(sacute)
63: ?	(question)	126: ~	(asciitilde)	222: Þ	(Thorn)	285: ğ̇	(gcircumflex)	348: Ṧ	(Scircumflex)
64: @	(at)	160: (uni00A0)		223: ß	(germandbls)	286: Ğ̣	(Gbreve)	349: ṧ	(scircumflex)
65: A	(A)	161: ¡	(exclamdown)	224: à	(agrave)	287: ğ̣̇	(gbreve)	350: Ș	(Scedilla)
66: B	(B)	162: ¢	(cent)	225: á	(aacute)	288: Ġ	(Gdotaccent)	351: ș̇	(scedilla)
67: C	(C)	163: £	(sterling)	226: â	(acircumflex)	289: ġ	(gdotaccent)	352: Ș̇	(Scarona)
68: D	(D)	164: ₣	(currency)	227: ã	(atilde)	290: Ģ	(uni0122)	353: ṣ̌	(scaron)
69: E	(E)	165: ¥	(yen)	228: ä	(adieresis)	291: ģ̇	(uni0123)	354: Ț	(uni0162)
70: F	(F)	166: ¤	(brokenbar)	229: å	(aring)	292: Ĥ	(Hcircumflex)	355: ț	(uni0163)
71: G	(G)	167: §	(section)	230: æ	(ae)	293: ĥ	(hcircumflex)	356: Ț̣	(Tcaron)
72: H	(H)	168: ¨	(dieresis)	231: ç	(cedilla)	294: Ḥ	(Hbar)	357: ț̣	(tcaron)
73: I	(I)	169: ©	(copyright)	232: è	(egrave)	295: ḥ̂	(hbar)	358: Ț̣̣	(Tbar)
74: J	(J)	170: ª	(ordfeminine)	233: é	(eacute)	296: Î	(Itilde)	359: ț̣̇	(tbar)
75: K	(K)	171: «	(guillemotleft)	234: ê	(ecircumflex)	297: ï	(itilde)	360: Û	(Utilde)
76: L	(L)	172: ¬	(logicalnot)	235: ë	(edieresis)	298: Ī	(Imacron)	361: ů	(utilde)
77: M	(M)	173: (uni00AD)		236: ì	(igrave)	299: Ĭ	(imacron)	362: Ū	(Umacron)
78: N	(N)	174: ®	(registered)	237: í	(iacute)	300: Ị̆	(Ibreve)	363: ū	(umacron)
79: O	(O)	175: ¯	(macron)	238: î	(icircumflex)	301: ị̆	(ibreve)	364: Ŭ	(Ubreve)
80: P	(P)	176: °	(degree)	239: ĳ	(idieresis)	302: Į	(Iogonek)	365: ŭ	(ubreve)
81: Q	(Q)	177: ±	(plusminus)	240: ð	(eth)	303: į̇	(iogonek)	366: Ű	(Uring)
82: R	(R)	178: ²	(uni00B2)	241: ñ	(ntilde)	304: Ĩ	(Idotaccent)	367: ů̇	(uring)
83: S	(S)	179: ³	(uni00B3)	242: ò	(ograve)	305: ı	(dotlessi)	368: Ű̇	(Uhungarumlaut)
84: T	(T)	180: ´	(acute)	243: ó	(oacute)	306: Ĳ̣	(IJ)	369: ű̇	(uhungarumlaut)
85: U	(U)	181: μ	(mu)	244: ô	(ocircumflex)	307: Ĳ̣̇	(ij)	370: Ų	(Uogonek)
86: V	(V)	182: ¶	(paragraph)	245: õ	(otilde)	308: Ĵ	(Jcircumflex)	371: ų	(uogonek)
87: W	(W)	183: ·	(periodcentered)	246: ö	(odieresis)	309: ĵ	(jcircumflex)	372: Ŵ	(Wcircumflex)
88: X	(X)	184: ¸	(cedilla)	247: ÷	(divide)	310: Ƙ	(uni0136)	373: ŵ	(wcircumflex)
89: Y	(Y)	185: ¹	(uni00B9)	248: ø	(oslash)	311: ƙ	(uni0137)	374: Ŷ	(Ycircumflex)
90: Z	(Z)	186: º	(ordmasculine)	249: ù	(ugrave)	312: ƚ	(kgreenlandic)	375: ŷ	(ycircumflex)
91: [	(bracketleft)	187: »	(guillemotright)	250: ú	(uacute)	313: Ĺ	(Lacute)	376: Ÿ	(Ydieresis)
92: \	(backslash)	188: ¼	(onequarter)	251: û	(ucircumflex)	314: Ị́	(Iacute)	377: Ž	(Zacute)
93: ]	(bracketright)	189: ½	(onehalf)	252: ü	(udieresis)	315: Ľ	(uni013B)	378: ž	(zacute)
94: ^	(asciicircum)	190: ¾	(threequarters)	253: ý	(yacute)	316: Į̇	(uni013C)	379: Ž̇	(Zdotaccent)
95: _	(underscore)	191: ¿	(questiondown)	254: þ	(thorn)	317: Ḷ̌	(Lcaron)	380: ž̇	(zdotaccent)
96: `	(grave)	192: Å	(Agrave)	255: ÿ	(ydieresis)	318: Ḷ̣̌	(lcaron)	381: Ẓ̌	(Zcaron)
97: a	(a)	193: Ă	(Aacute)	256: Ā	(Amacron)	319: Ł	(Ldot)	382: ẓ̌	(zcaron)
98: b	(b)	194: Ā	(Acircumflex)	257: ā	(amacron)	320: ł̣	(ldot)	383: ƒ	(longs)
99: c	(c)	195: Ą	(Atilde)	258: Ặ	(Abreve)	321: Ł̣	(Lslash)	384: ȳ	(uni0180)
100: d	(d)	196: Ȧ	(Adieresis)	259: ặ	(abreve)	322: ł̣̇	(lslash)	385: Ȳ	(uni0181)
101: e	(e)	197: Å̇	(Aring)	260: Ȧ̇	(Aogonek)	323: Ń	(Nacute)	386: Ȳ̇	(uni0182)
102: f	(f)	198: Æ	(AE)	261: ą̇	(aogonek)	324: ń	(nacute)	387: ȳ̇	(uni0183)
103: g	(g)	199: Ć	(Ccedilla)	262: Ć̇	(Cacute)	325: Ȧ̇̇	(uni0145)	388: ȳ̇̇	(uni0184)
104: h	(h)	200: Ė̇	(Egrave)	263: ć̇	(cacute)	326: Ȧ̇̇̇	(uni0146)	389: ȳ̇̇̇	(uni0185)



390: Ɔ (uni0186)  
391: Ƈ (uni0187)  
392: ƈ (uni0188)  
393: Ɖ (uni0189)  
394: Ɗ (uni018A)  
395: Ƌ (uni018B)  
396: ƌ (uni018C)  
397: ƍ (uni018D)  
398: Ǝ (uni018E)  
399: Ə (uni018F)  
400: Ɛ (uni0190)  
401: Ƒ (uni0191)  
402: ƒ (florin)  
403: Ɠ (uni0193)  
404: Ɣ (uni0194)  
405: ɦ (uni0195)  
406: ƙ (uni0196)  
407: ƙ (uni0197)  
408: Ƙ (uni0198)  
409: ƚ (uni0199)  
410: ƙ (uni019A)  
411: ƙ (uni019B)  
412: ƙ (uni019C)  
413: ƙ (uni019D)  
414: ƙ (uni019E)  
415: ƙ (uni019F)  
416: Ŏ (Ohorn)  
417: ō (ohorn)  
418: Ɔ (uni01A2)  
419: Ɔ (uni01A3)  
420: Ɔ (uni01A4)  
421: Ɔ (uni01A5)  
422: Ɔ (uni01A6)  
423: Ɔ (uni01A7)  
424: Ɔ (uni01A8)  
425: Ɔ (uni01A9)  
426: Ɔ (uni01AA)  
427: Ɔ (uni01AB)  
428: Ɔ (uni01AC)  
429: Ɔ (uni01AD)  
430: Ɔ (uni01AE)  
431: Ɔ (Uhorn)  
432: Ɔ (uhorn)  
433: Ɔ (uni01B1)  
434: Ɔ (uni01B2)  
435: Ɔ (uni01B3)  
436: Ɔ (uni01B4)  
437: Ɔ (uni01B5)  
438: Ɔ (uni01B6)  
439: Ɔ (uni01B7)  
440: Ɔ (uni01B8)  
441: Ɔ (uni01B9)  
442: Ɔ (uni01BA)  
443: Ɔ (uni01BB)  
444: Ɔ (uni01BC)  
445: Ɔ (uni01BD)  
446: Ɔ (uni01BE)  
447: Ɔ (uni01BF)  
448: Ɔ (uni01C0)  
449: Ɔ (uni01C1)  
450: Ɔ (uni01C2)  
451: Ɔ (uni01C3)  
452: Ɔ (uni01C4)

453: Ɔ (uni01C5)  
454: Ɔ (uni01C6)  
455: Ɔ (uni01C7)  
456: Ɔ (uni01C8)  
457: Ɔ (uni01C9)  
458: Ɔ (uni01CA)  
459: Ɔ (uni01CB)  
460: Ɔ (uni01CC)  
461: Ɔ (uni01CD)  
462: Ɔ (uni01CE)  
463: Ɔ (uni01CF)  
464: Ɔ (uni01D0)  
465: Ɔ (uni01D1)  
466: Ɔ (uni01D2)  
467: Ɔ (uni01D3)  
468: Ɔ (uni01D4)  
469: Ɔ (uni01D5)  
470: Ɔ (uni01D6)  
471: Ɔ (uni01D7)  
472: Ɔ (uni01D8)  
473: Ɔ (uni01D9)  
474: Ɔ (uni01DA)  
475: Ɔ (uni01DB)  
476: Ɔ (uni01DC)  
477: Ɔ (uni01DD)  
478: Ɔ (uni01DE)  
479: Ɔ (uni01DF)  
480: Ɔ (uni01E0)  
481: Ɔ (uni01E1)  
482: Ɔ (uni01E2)  
483: Ɔ (uni01E3)  
484: Ɔ (uni01E4)  
485: Ɔ (uni01E5)  
486: Ɔ (Gcaron)  
487: Ɔ (gcaron)  
488: Ɔ (uni01E8)  
489: Ɔ (uni01E9)  
490: Ɔ (uni01EA)  
491: Ɔ (uni01EB)  
492: Ɔ (uni01EC)  
493: Ɔ (uni01ED)  
494: Ɔ (uni01EE)  
495: Ɔ (uni01EF)  
496: Ɔ (uni01F0)  
497: Ɔ (uni01F1)  
498: Ɔ (uni01F2)  
499: Ɔ (uni01F3)  
500: Ɔ (uni01F4)  
501: Ɔ (uni01F5)  
502: Ɔ (uni01F6)  
503: Ɔ (uni01F7)  
504: Ɔ (uni01F8)  
505: Ɔ (uni01F9)  
506: Ɔ (Aringacute)  
507: Ɔ (aringacute)  
508: Ɔ (AEacute)  
509: Ɔ (aeacute)  
510: Ɔ (Oslashacute)  
511: Ɔ (oslashacute)  
512: Ɔ (uni0200)  
513: Ɔ (uni0201)  
514: Ɔ (uni0202)  
515: Ɔ (uni0203)

516: Ɔ (uni0204)  
517: Ɔ (uni0205)  
518: Ɔ (uni0206)  
519: Ɔ (uni0207)  
520: Ɔ (uni0208)  
521: Ɔ (uni0209)  
522: Ɔ (uni020A)  
523: Ɔ (uni020B)  
524: Ɔ (uni020C)  
525: Ɔ (uni020D)  
526: Ɔ (uni020E)  
527: Ɔ (uni020F)  
528: Ɔ (uni0210)  
529: Ɔ (uni0211)  
530: Ɔ (uni0212)  
531: Ɔ (uni0213)  
532: Ɔ (uni0214)  
533: Ɔ (uni0215)  
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535: Ɔ (uni0217)  
536: Ɔ (uni0218)  
537: Ɔ (uni0219)  
538: Ɔ (uni021A)  
539: Ɔ (uni021B)  
540: Ɔ (uni021C)  
541: Ɔ (uni021D)  
542: Ɔ (uni021E)  
543: Ɔ (uni021F)  
544: Ɔ (uni0220)  
545: Ɔ (uni0221)  
546: Ɔ (uni0222)  
547: Ɔ (uni0223)  
548: Ɔ (uni0224)  
549: Ɔ (uni0225)  
550: Ɔ (uni0226)  
551: Ɔ (uni0227)  
552: Ɔ (uni0228)  
553: Ɔ (uni0229)  
554: Ɔ (uni022A)  
555: Ɔ (uni022B)  
556: Ɔ (uni022C)  
557: Ɔ (uni022D)  
558: Ɔ (uni022E)  
559: Ɔ (uni022F)  
560: Ɔ (uni0230)  
561: Ɔ (uni0231)  
562: Ɔ (uni0232)  
563: Ɔ (uni0233)  
564: Ɔ (uni0234)  
565: Ɔ (uni0235)  
566: Ɔ (uni0236)  
567: Ɔ (uni0237)  
568: Ɔ (uni0238)  
569: Ɔ (uni0239)  
570: Ɔ (uni023A)  
571: Ɔ (uni023B)  
572: Ɔ (uni023C)  
573: Ɔ (uni023D)  
574: Ɔ (uni023E)  
575: Ɔ (uni023F)  
576: Ɔ (uni0240)  
577: Ɔ (uni0241)  
578: Ɔ (uni0242)

579: Ɔ (uni0243)  
580: Ɔ (uni0244)  
581: Ɔ (uni0245)  
582: Ɔ (uni0246)  
583: Ɔ (uni0247)  
584: Ɔ (uni0248)  
585: Ɔ (uni0249)  
586: Ɔ (uni024A)  
587: Ɔ (uni024B)  
588: Ɔ (uni024C)  
589: Ɔ (uni024D)  
590: Ɔ (uni024E)  
591: Ɔ (uni024F)  
592: Ɔ (uni0250)  
593: Ɔ (uni0251)  
594: Ɔ (uni0252)  
595: Ɔ (uni0253)  
596: Ɔ (uni0254)  
597: Ɔ (uni0255)  
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682: Ɔ (uni02AA)  
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685: Ɔ (uni02AD)  
686: Ɔ (uni02AE)  
687: Ɔ (uni02AF)  
688: Ɔ (uni02B0)  
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























705:	◌ <sup>◌</sup> (uni02C1)	773:	◌ <sup>◌</sup> (uni0305)	836:	◌ <sup>◌</sup> (uni0344)	915:	Γ (Gamma)	980:	Ÿ (uni03D4)
706:	◌ <sup>◌</sup> (uni02C2)	774:	◌ <sup>◌</sup> (uni0306)	837:	◌ <sup>◌</sup> (uni0345)	916:	Δ (uni0394)	981:	ϕ (phi1)
707:	◌ <sup>◌</sup> (uni02C3)	775:	◌ <sup>◌</sup> (uni0307)	838:	◌ <sup>◌</sup> (uni0346)	917:	Ε (Epsilon)	982:	ω (omega1)
708:	◌ <sup>◌</sup> (uni02C4)	776:	◌ <sup>◌</sup> (uni0308)	839:	◌ <sup>◌</sup> (uni0347)	918:	Ζ (Zeta)	983:	ϣ (uni03D7)
709:	◌ <sup>◌</sup> (uni02C5)	777:	◌ <sup>◌</sup> (hookabovecomb)	840:	◌ <sup>◌</sup> (uni0348)	919:	Η (Eta)	984:	Q (uni03D8)
710:	◌ <sup>◌</sup> (circumflex)	778:	◌ <sup>◌</sup> (uni030A)	841:	◌ <sup>◌</sup> (uni0349)	920:	Θ (Theta)	985:	q (uni03D9)
711:	◌ <sup>◌</sup> (caron)	779:	◌ <sup>◌</sup> (uni030B)	842:	◌ <sup>◌</sup> (uni034A)	921:	Ι (Iota)	986:	ς (uni03DA)
712:	◌ <sup>◌</sup> (uni02C8)	780:	◌ <sup>◌</sup> (uni030C)	843:	◌ <sup>◌</sup> (uni034B)	922:	Κ (Kappa)	987:	ς (uni03DB)
713:	◌ <sup>◌</sup> (uni02C9)	781:	◌ <sup>◌</sup> (uni030D)	844:	◌ <sup>◌</sup> (uni034C)	923:	Λ (Lambda)	988:	F (uni03DC)
714:	◌ <sup>◌</sup> (uni02CA)	782:	◌ <sup>◌</sup> (uni030E)	845:	◌ <sup>◌</sup> (uni034D)	924:	Μ (Mu)	989:	ƒ (uni03DD)
715:	◌ <sup>◌</sup> (uni02CB)	783:	◌ <sup>◌</sup> (uni030F)	846:	◌ <sup>◌</sup> (uni034E)	925:	Ν (Nu)	990:	ℤ (uni03DE)
716:	◌ <sup>◌</sup> (uni02CC)	784:	◌ <sup>◌</sup> (uni0310)	848:	◌ <sup>◌</sup> (uni0350)	926:	Ξ (Xi)	991:	℥ (uni03DF)
717:	◌ <sup>◌</sup> (uni02CD)	785:	◌ <sup>◌</sup> (uni0311)	849:	◌ <sup>◌</sup> (uni0351)	927:	Ο (Omicron)	992:	ϣ (uni03E0)
718:	◌ <sup>◌</sup> (uni02CE)	786:	◌ <sup>◌</sup> (uni0312)	850:	◌ <sup>◌</sup> (uni0352)	928:	Π (Pi)	993:	ϣ (uni03E1)
719:	◌ <sup>◌</sup> (uni02CF)	787:	◌ <sup>◌</sup> (uni0313)	851:	◌ <sup>◌</sup> (uni0353)	929:	Ρ (Rho)	1008:	℣ (uni03F0)
720:	◌ <sup>◌</sup> (uni02D0)	788:	◌ <sup>◌</sup> (uni0314)	852:	◌ <sup>◌</sup> (uni0354)	931:	Σ (Sigma)	1009:	q (uni03F1)
721:	◌ <sup>◌</sup> (uni02D1)	789:	◌ <sup>◌</sup> (uni0315)	853:	◌ <sup>◌</sup> (uni0355)	932:	Τ (Tau)	1010:	c (uni03F2)
722:	◌ <sup>◌</sup> (uni02D2)	790:	◌ <sup>◌</sup> (uni0316)	854:	◌ <sup>◌</sup> (uni0356)	933:	Υ (Upsilon)	1011:	j (uni03F3)
723:	◌ <sup>◌</sup> (uni02D3)	791:	◌ <sup>◌</sup> (uni0317)	855:	◌ <sup>◌</sup> (uni0357)	934:	Φ (Phi)	1012:	Θ (uni03F4)
724:	◌ <sup>◌</sup> (uni02D4)	792:	◌ <sup>◌</sup> (uni0318)	856:	◌ <sup>◌</sup> (uni0358)	935:	Χ (Chi)	1013:	€ (uni03F5)
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727:	◌ <sup>◌</sup> (uni02D7)	795:	◌ <sup>◌</sup> (uni031B)	859:	◌ <sup>◌</sup> (uni035B)	938:	͂ (Iotadieresis)	1017:	Ɔ (uni03F9)
728:	◌ <sup>◌</sup> (breve)	796:	◌ <sup>◌</sup> (uni031C)	860:	◌ <sup>◌</sup> (uni035C)	939:	̓ (Upsilondieresis)	1019:	ɹ (uni03FB)
729:	◌ <sup>◌</sup> (dotaccent)	797:	◌ <sup>◌</sup> (uni031D)	861:	◌ <sup>◌</sup> (uni035D)	940:	α (alphatonos)	1021:	Ɔ (uni03FD)
730:	◌ <sup>◌</sup> (ring)	798:	◌ <sup>◌</sup> (uni031E)	862:	◌ <sup>◌</sup> (uni035E)	941:	έ (epsilontonos)	1022:	Ɔ (uni03FE)
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734:	◌ <sup>◌</sup> (uni02DE)	802:	◌ <sup>◌</sup> (uni0322)	866:	◌ <sup>◌</sup> (uni0362)	945:	α (alpha)	1026:	Ḑ (uni0402)
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736:	◌ <sup>◌</sup> (uni02E0)	804:	◌ <sup>◌</sup> (uni0324)	868:	◌ <sup>◌</sup> (uni0364)	947:	γ (gamma)	1028:	€ (uni0404)
737:	◌ <sup>◌</sup> (uni02E1)	805:	◌ <sup>◌</sup> (uni0325)	869:	◌ <sup>◌</sup> (uni0365)	948:	δ (delta)	1029:	S (uni0405)
738:	◌ <sup>◌</sup> (uni02E2)	806:	◌ <sup>◌</sup> (uni0326)	870:	◌ <sup>◌</sup> (uni0366)	949:	ε (epsilon)	1030:	I (uni0406)
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740:	◌ <sup>◌</sup> (uni02E4)	808:	◌ <sup>◌</sup> (uni0328)	872:	◌ <sup>◌</sup> (uni0368)	951:	η (eta)	1032:	J (uni0408)
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747:	◌ <sup>◌</sup> (uni02EB)	810:	◌ <sup>◌</sup> (uni032A)	874:	◌ <sup>◌</sup> (uni036A)	953:	ι (iota)	1034:	Љ (uni040A)
748:	◌ <sup>◌</sup> (uni02EC)	811:	◌ <sup>◌</sup> (uni032B)	875:	◌ <sup>◌</sup> (uni036B)	954:	κ (kappa)	1035:	Ḑ (uni040B)
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762:	◌ <sup>◌</sup> (uni02FA)	825:	◌ <sup>◌</sup> (uni0339)	902:	◌ <sup>◌</sup> (Alphatonos)	968:	ψ (psi)	1049:	Й (uni0419)
763:	◌ <sup>◌</sup> (uni02FB)	826:	◌ <sup>◌</sup> (uni033A)	903:	◌ <sup>◌</sup> (anoteleia)	969:	ω (omega)	1050:	К (uni041A)
764:	◌ <sup>◌</sup> (uni02FC)	827:	◌ <sup>◌</sup> (uni033B)	904:	◌ <sup>◌</sup> (Epsilontonos)	970:	͂ (iotadieresis)	1051:	Л (uni041B)
765:	◌ <sup>◌</sup> (uni02FD)	828:	◌ <sup>◌</sup> (uni033C)	905:	◌ <sup>◌</sup> (Etatonos)	971:	̓ (upsilondieresis)	1052:	М (uni041C)
766:	◌ <sup>◌</sup> (uni02FE)	829:	◌ <sup>◌</sup> (uni033D)	906:	◌ <sup>◌</sup> (Iotatonos)	972:	ό (omicrontonos)	1053:	Н (uni041D)
767:	◌ <sup>◌</sup> (uni02FF)	830:	◌ <sup>◌</sup> (uni033E)	908:	◌ <sup>◌</sup> (Omicrontonos)	973:	ύ (upsilontonos)	1054:	О (uni041E)
768:	◌ <sup>◌</sup> (gravecomb)	831:	◌ <sup>◌</sup> (uni033F)	910:	◌ <sup>◌</sup> (Upsilontonos)	974:	ώ (omegatonos)	1055:	Π (uni041F)
769:	◌ <sup>◌</sup> (acutecomb)	832:	◌ <sup>◌</sup> (uni0340)	911:	◌ <sup>◌</sup> (Omegatonos)	976:	ϐ (uni03D0)	1056:	P (uni0420)
770:	◌ <sup>◌</sup> (uni0302)	833:	◌ <sup>◌</sup> (uni0341)	912:	◌ <sup>◌</sup> (iotadieresis-tonos)	977:	ϑ (theta1)	1057:	С (uni0421)
771:	◌ <sup>◌</sup> (tildecomb)	834:	◌ <sup>◌</sup> (uni0342)	913:	Α (Alpha)	978:	Υ (Upsilon1)	1058:	Т (uni0422)
772:	◌ <sup>◌</sup> (uni0304)	835:	◌ <sup>◌</sup> (uni0343)	914:	Β (Beta)	979:	Υ (uni03D3)	1059:	У (uni0423)

























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1061: <span>X</span> (uni0425)	1124: <span>Ѕ</span> (uni0464)	1202: <span>Х</span> (uni04B2)	1270: <span>Γ</span> (uni04F6)	7496: <span>ᵈ</span> (uni1D48)
1062: <span>Ц</span> (uni0426)	1125: <span>Ї</span> (uni0465)	1203: <span>х</span> (uni04B3)	1271: <span>Г</span> (uni04F7)	7497: <span>ᵉ</span> (uni1D49)
1063: <span>Ч</span> (uni0427)	1126: <span>А</span> (uni0466)	1204: <span>Ц</span> (uni04B4)	1272: <span>Ѓ</span> (uni04F8)	7498: <span>ᵃ</span> (uni1D4A)
1064: <span>Ш</span> (uni0428)	1127: <span>Ӓ</span> (uni0467)	1205: <span>Т</span> (uni04B5)	1273: <span>Б</span> (uni04F9)	7499: <span>ᵇ</span> (uni1D4B)
1065: <span>Щ</span> (uni0429)	1128: <span>Ӓ</span> (uni0468)	1206: <span>Ч</span> (uni04B6)	1456: <span>ᵀ</span> (uni05B0)	7500: <span>ᵃ</span> (uni1D4C)
1066: <span>Ъ</span> (uni042A)	1129: <span>Ӓ</span> (uni0469)	1207: <span>ч</span> (uni04B7)	1457: <span>ᵀ</span> (uni05B1)	7501: <span>ᵍ</span> (uni1D4D)
1067: <span>Ы</span> (uni042B)	1130: <span>Ӓ</span> (uni046A)	1208: <span>Ч</span> (uni04B8)	1458: <span>ᵀ</span> (uni05B2)	7502: <span>ᵀ</span> (uni1D4E)
1068: <span>Ь</span> (uni042C)	1131: <span>Ӓ</span> (uni046B)	1209: <span>ч</span> (uni04B9)	1459: <span>ᵀ</span> (uni05B3)	7503: <span>ᵏ</span> (uni1D4F)
1069: <span>Э</span> (uni042D)	1132: <span>Ӓ</span> (uni046C)	1210: <span>Һ</span> (uni04BA)	1460: <span>ᵀ</span> (uni05B4)	7504: <span>ᵐ</span> (uni1D50)
1070: <span>Ю</span> (uni042E)	1133: <span>Ӓ</span> (uni046D)	1211: <span>Һ</span> (uni04BB)	1461: <span>ᵀ</span> (uni05B5)	7505: <span>ᵀ</span> (uni1D51)
1071: <span>Я</span> (uni042F)	1134: <span>Ӓ</span> (uni046E)	1212: <span>Е</span> (uni04BC)	1462: <span>ᵀ</span> (uni05B6)	7506: <span>ᵒ</span> (uni1D52)
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1074: <span>в</span> (uni0432)	1137: <span>ψ</span> (uni0471)	1215: <span>е</span> (uni04BF)	1465: <span>ᵀ</span> (uni05B9)	7509: <span>ᵛ</span> (uni1D55)
1075: <span>г</span> (uni0433)	1138: <span>Θ</span> (uni0472)	1216: <span>І</span> (uni04C0)	1466: <span>ᵀ</span> (uni05BA)	7510: <span>ᵖ</span> (uni1D56)
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1077: <span>е</span> (uni0435)	1140: <span>У</span> (uni0474)	1218: <span>Ж</span> (uni04C2)	1468: <span>ᵀ</span> (uni05BC)	7512: <span>ᵁ</span> (uni1D58)
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1080: <span>и</span> (uni0438)	1143: <span>Ӛ</span> (uni0477)	1223: <span>Ѓ</span> (uni04C7)	1471: <span>ᵀ</span> (uni05BF)	7515: <span>ᵛ</span> (uni1D5B)
1081: <span>й</span> (uni0439)	1148: <span>Ӛ</span> (uni047C)	1224: <span>Ѓ</span> (uni04C8)	1472: <span>І</span> (uni05C0)	7516: <span>ᶤ</span> (uni1D5C)
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1088: <span>р</span> (uni0440)	1166: <span>Р</span> (uni048E)	1234: <span>Ӓ</span> (uni04D2)	1490: <span>ᵀ</span> (uni05D2)	7525: <span>ᵛ</span> (uni1D65)
1089: <span>с</span> (uni0441)	1167: <span>р</span> (uni048F)	1235: <span>Ӓ</span> (uni04D3)	1491: <span>ᵀ</span> (uni05D3)	7526: <span>ᵇ</span> (uni1D66)
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1114: <span>њ</span> (uni045A)	1192: <span>Ӓ</span> (uni04A8)	1260: <span>Ӓ</span> (uni04EC)	1521: <span>ᵀ</span> (uni05F1)	7700: <span>Ӓ</span> (uni1E14)
1115: <span>ћ</span> (uni045B)	1193: <span>Ӓ</span> (uni04A9)	1261: <span>Ӓ</span> (uni04ED)	1522: <span>ᵀ</span> (uni05F2)	7701: <span>è</span> (uni1E15)
1116: <span>ќ</span> (uni045C)	1194: <span>ᶜ</span> (uni04AA)	1262: <span>Ӓ</span> (uni04EE)	1523: <span>ᶑ</span> (uni05F3)	7702: <span>Ӓ</span> (uni1E16)
1117: <span>ѝ</span> (uni045D)	1195: <span>ᶜ</span> (uni04AB)	1263: <span>ᶑ</span> (uni04EF)	1524: <span>ᶑ</span> (uni05F4)	7703: <span>é</span> (uni1E17)
1118: <span>ӥ</span> (uni045E)	1196: <span>ᵀ</span> (uni04AC)	1264: <span>Ӓ</span> (uni04F0)	7445: <span>8</span> (uni1D15)	7704: <span>ᵂ</span> (uni1E18)
1119: <span>ц</span> (uni045F)	1197: <span>ᵀ</span> (uni04AD)	1265: <span>Ӓ</span> (uni04F1)	7491: <span>ᵃ</span> (uni1D43)	7705: <span>ᶜ</span> (uni1E19)
1120: <span>ᶒ</span> (uni0460)	1198: <span>У</span> (uni04AE)	1266: <span>Ӓ</span> (uni04F2)	7492: <span>ᵇ</span> (uni1D44)	7706: <span>ᵂ</span> (uni1E1A)
1121: <span>ᶒ</span> (uni0461)	1199: <span>У</span> (uni04AF)	1267: <span>Ӓ</span> (uni04F3)	7493: <span>ᵃ</span> (uni1D45)	7707: <span>ᶜ</span> (uni1E1B)
1122: <span>Ӓ</span> (uni0462)	1200: <span>У</span> (uni04B0)	1268: <span>Ӓ</span> (uni04F4)	7494: <span>ᶤ</span> (uni1D46)	7708: <span>Ӓ</span> (uni1E1C)

























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7712: Ĝ (uni1E20)	7775: ĳ (uni1E5F)	7838: Ɩ (uni1E9E)	7901: ð (uni1EDD)	7968: ƞ (uni1F20)
7713: ĝ (uni1E21)	7776: Š (uni1E60)	7839: ð (uni1E9F)	7902: Œ (uni1EDE)	7969: Ɵ (uni1F21)
7714: Ĥ (uni1E22)	7777: š (uni1E61)	7840: Ȧ (uni1EA0)	7903: ð (uni1EDF)	7970: ƞ (uni1F22)
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7719: ĥ (uni1E27)	7782: Š (uni1E66)	7845: ȧ (uni1EA5)	7908: Ȫ (uni1EE4)	7975: ƞ (uni1F27)
7720: Ĥ (uni1E28)	7783: š (uni1E67)	7846: Ȧ (uni1EA6)	7909: Ȫ (uni1EE5)	7976: Ɔ (uni1F28)
7721: ĥ (uni1E29)	7784: Š (uni1E68)	7847: ȧ (uni1EA7)	7910: Ȫ (uni1EE6)	7977: Ɔ (uni1F29)
7722: Ĥ (uni1E2A)	7785: š (uni1E69)	7848: Ȧ (uni1EA8)	7911: Ȫ (uni1EE7)	7978: Ɔ (uni1F2A)
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























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




















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8555: XII	(uni216B)	8707: $\exists$	(existential)	8836: $\not\subset$	(notsubset)	9324: $\textcircled{13}$	(uni246C)	9433: $\textcircled{1}$	(uni24D9)
8556: L	(uni216C)	8708: $\mathbb{A}$	(uni2204)	8837: $\not\supset$	(uni2285)	9325: $\textcircled{14}$	(uni246D)	9434: $\textcircled{\mathbb{E}}$	(uni24DA)
8557: C	(uni216D)	8709: $\emptyset$	(emptyset)	8853: $\oplus$	(circleplus)	9326: $\textcircled{15}$	(uni246E)	9435: $\textcircled{1}$	(uni24DB)
8558: D	(uni216E)	8710: $\Delta$	(Delta)	8854: $\ominus$	(uni2296)	9327: $\textcircled{16}$	(uni246F)	9436: $\textcircled{\mathbb{M}}$	(uni24DC)
8559: M	(uni216F)	8711: $\nabla$	(gradient)	8855: $\otimes$	(circlemultiply)	9328: $\textcircled{17}$	(uni2470)	9437: $\textcircled{\mathbb{N}}$	(uni24DD)
8560: i	(uni2170)	8712: $\in$	(element)	8856: $\oslash$	(uni2298)	9329: $\textcircled{18}$	(uni2471)	9438: $\textcircled{\mathbb{O}}$	(uni24DE)
8561: ii	(uni2171)	8713: $\notin$	(notelement)	8866: $\vdash$	(uni22A2)	9330: $\textcircled{19}$	(uni2472)	9439: $\textcircled{\mathbb{P}}$	(uni24DF)
8562: iii	(uni2172)	8714: $\in$	(uni220A)	8867: $\dashv$	(uni22A3)	9331: $\textcircled{20}$	(uni2473)	9440: $\textcircled{\mathbb{Q}}$	(uni24E0)
8563: iv	(uni2173)	8715: $\ni$	(suchthat)	8868: $\top$	(uni22A4)	9332: $\textcircled{1}$	(uni2474)	9441: $\textcircled{\mathbb{R}}$	(uni24E1)
8564: v	(uni2174)	8716: $\ni$	(uni220C)	8869: $\perp$	(perpendicular)	9333: $\textcircled{2}$	(uni2475)	9442: $\textcircled{\mathbb{S}}$	(uni24E2)
8565: vi	(uni2175)	8717: $\ni$	(uni220D)	8870: $\vdash$	(uni22A6)	9334: $\textcircled{3}$	(uni2476)	9443: $\textcircled{\mathbb{T}}$	(uni24E3)
8566: vii	(uni2176)	8719: $\prod$	(product)	8886: $\rightleftarrows$	(uni22B6)	9335: $\textcircled{4}$	(uni2477)	9444: $\textcircled{\mathbb{U}}$	(uni24E4)
8567: viii	(uni2177)	8720: $\prod$	(uni2210)	8887: $\rightleftarrows$	(uni22B7)	9336: $\textcircled{5}$	(uni2478)	9445: $\textcircled{\mathbb{V}}$	(uni24E5)
8568: ix	(uni2178)	8721: $\Sigma$	(summation)	8901: $\cdot$	(dotmath)	9337: $\textcircled{6}$	(uni2479)	9446: $\textcircled{\mathbb{W}}$	(uni24E6)
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8571: xii	(uni217B)	8724: $\dot{+}$	(uni2214)	8960: $\varnothing$	(uni2300)	9340: $\textcircled{9}$	(uni247C)	9449: $\textcircled{2}$	(uni24E9)
8572: l	(uni217C)	8725: $\swarrow$	(uni2215)	8962: $\sqsubset$	(house)	9341: $\textcircled{10}$	(uni247D)	9450: $\textcircled{\mathbb{O}}$	(uni24EA)
8573: c	(uni217D)	8726: $\searrow$	(uni2216)	8963: $\wedge$	(uni2303)	9342: $\textcircled{11}$	(uni247E)	9451: $\textcircled{\mathbb{1}}$	(uni24EB)
8574: d	(uni217E)	8727: $*$	(asteriskmath)	8976: $\neg$	(revlogicalnot)	9343: $\textcircled{12}$	(uni247F)	9452: $\textcircled{\mathbb{12}}$	(uni24EC)
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8592: $\leftarrow$	(arrowleft)	8734: $\infty$	(infinity)	9003: $\ltimes$	(uni232B)	9350: $\textcircled{19}$	(uni2486)	9459: $\textcircled{\mathbb{19}}$	(uni24F3)
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8597: $\updownarrow$	(arrowupdn)	8739: $\mid$	(uni2223)	9117: $\int$	(uni239D)	9401: $\textcircled{\mathbb{D}}$	(uni24B9)	9464: $\textcircled{4}$	(uni24F8)
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8603: $\nrightarrow$	(uni219B)	8745: $\cap$	(intersection)	9123: $\int$	(uni23A3)	9407: $\textcircled{\mathbb{J}}$	(uni24BF)	9470: $\textcircled{\mathbb{10}}$	(uni24FE)
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8653: $\neq$	(uni21CD)	8776: $\approx$	(approxequal)	9133: $\int$	(uni23AD)	9417: $\textcircled{\mathbb{T}}$	(uni24C9)	9664: $\blacktriangleleft$	(uni25C0)
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11784:  (uni2E08)  
11785:  (uni2E09)  
11786:  (uni2E0A)  
11799:  (uni2E17)  
11800:  (uni2E18)  
42582:  (uniA656)  
42583:  (uniA657)  
42781:  (uniA71D)  
42784:  (uniA720)  
42785:  (uniA721)  
42853:  (uniA765)  
42899:  (uniA793)  
43858:  (uniAB52)  
65533:  (uniFFFD)  
127279:  (u1F12F)