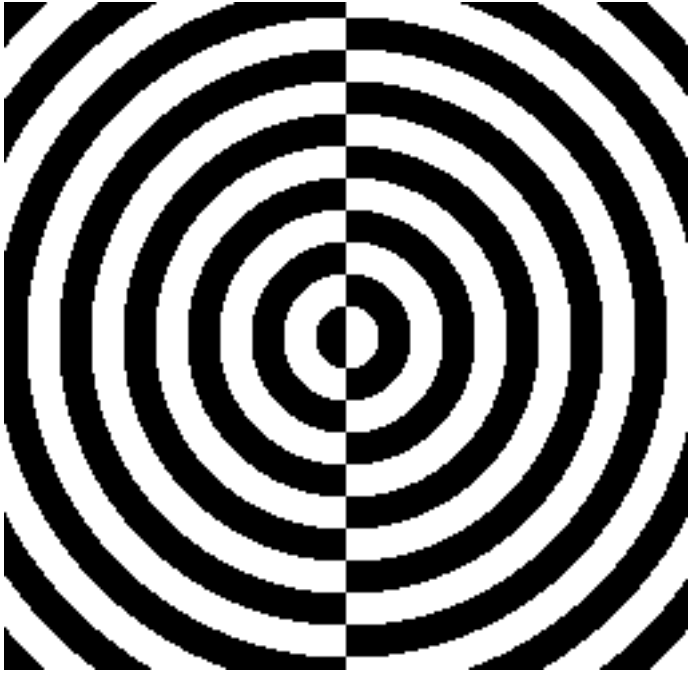
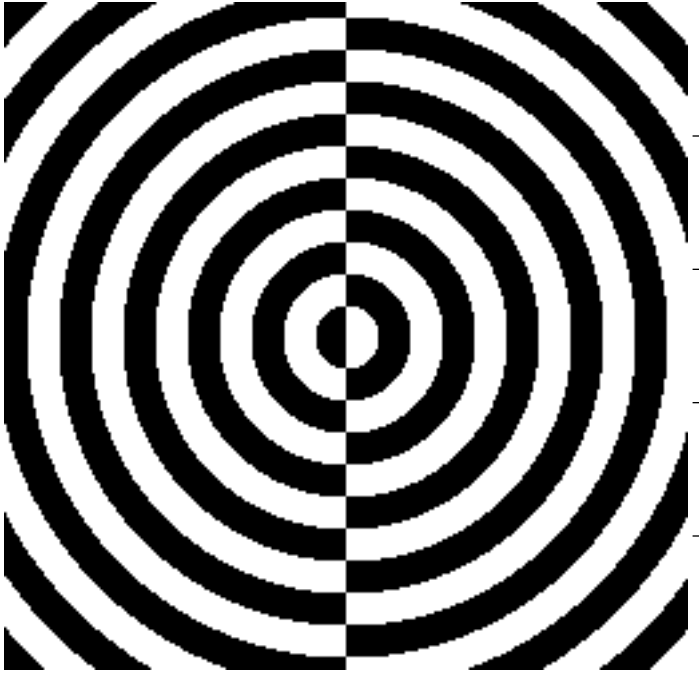
PNG predictors with 1 bit per component

Both images must look the same. The left one has no predictor, the right one uses /Predictor 15, with a different PNG filter for each band of 50 rows. A decoding error shows as stripes or smears.

Reference: no predictor



PNG predictors



1: None

2: Sub

3: Up

4: Average

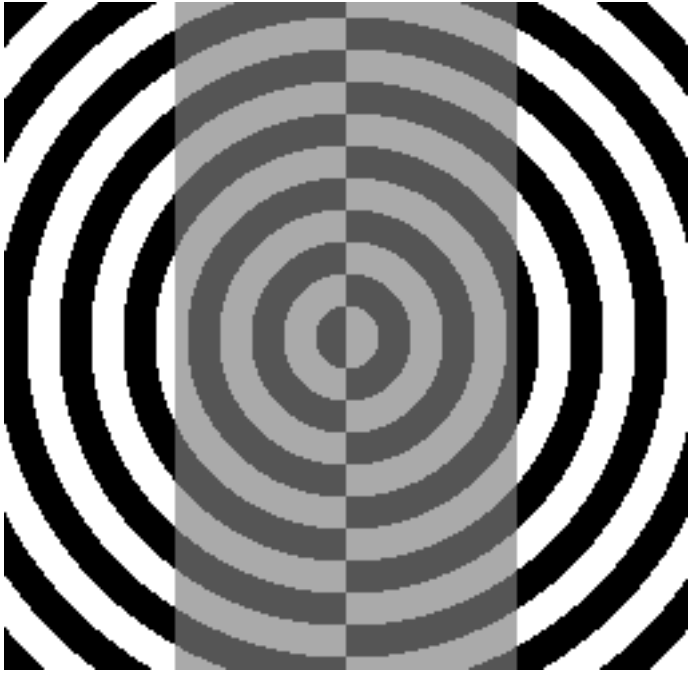
5: Paeth

Image: 256 x 250 pixels, gray, 1 bit per component. The Sub, Average and Paeth filters use the byte to the left, which holds the 8 pixels to the left: the bytes per complete pixel are rounded up to one.

PNG predictors with 2 bits per component

Both images must look the same. The left one has no predictor, the right one uses /Predictor 15, with a different PNG filter for each band of 50 rows. A decoding error shows as stripes or smears.

Reference: no predictor



PNG predictors

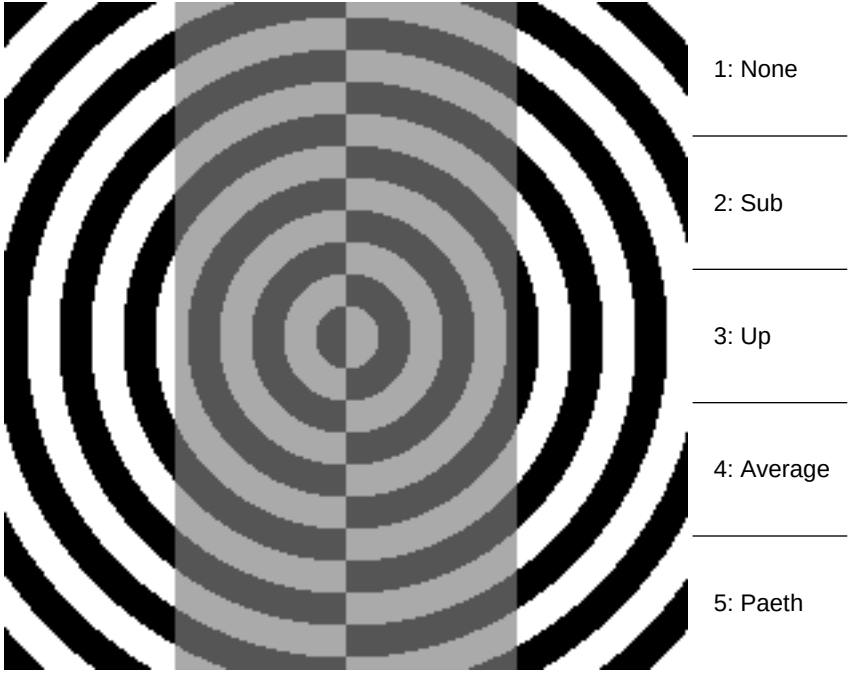
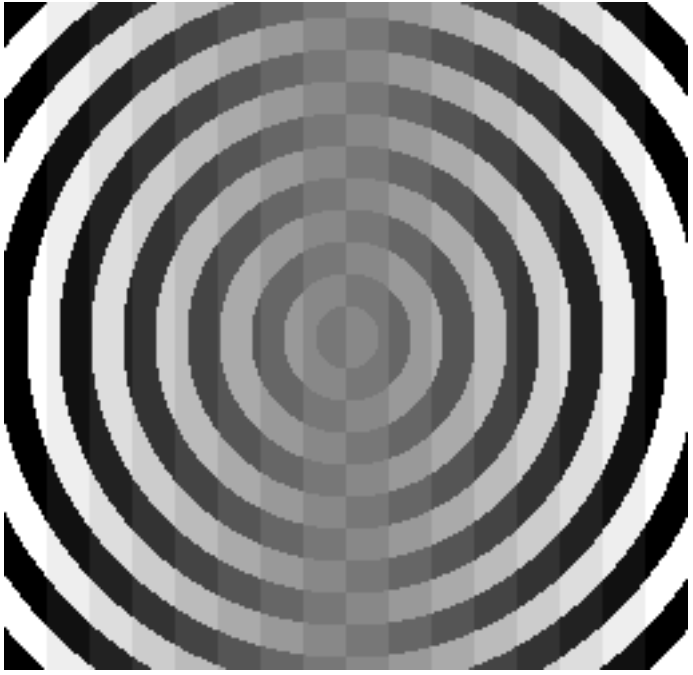


Image: 256 x 250 pixels, gray, 2 bits per component. The Sub, Average and Paeth filters use the byte to the left, which holds the 4 pixels to the left: the bytes per complete pixel are rounded up to one.

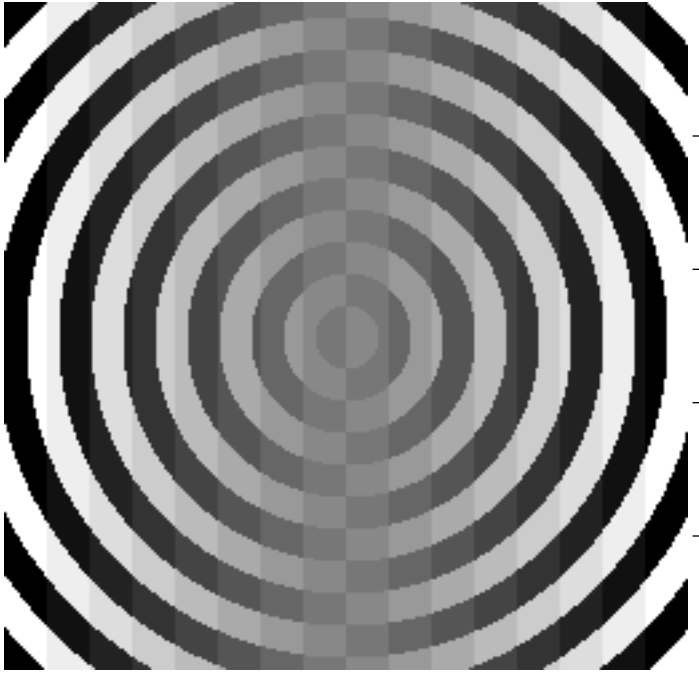
PNG predictors with 4 bits per component

Both images must look the same. The left one has no predictor, the right one uses /Predictor 15, with a different PNG filter for each band of 50 rows. A decoding error shows as stripes or smears.

Reference: no predictor



PNG predictors



1: None

2: Sub

3: Up

4: Average

5: Paeth

Image: 256 x 250 pixels, gray, 4 bits per component. The Sub, Average and Paeth filters use the byte to the left, which holds the 2 pixels to the left: the bytes per complete pixel are rounded up to one.