


































# PNG: Basic format test files (no interlacing)

- 0  basn0g01 - black & white
- 1  basn0g02 - 2 bit (4 level) grayscale
- 2  basn0g04 - 4 bit (16 level) grayscale
- 3  basn0g08 - 8 bit (256 level) grayscale
- 4  basn0g16 - 16 bit (64k level) grayscale
- 5  basn2c08 - 3x8 bits rgb color
- 6  basn2c16 - 3x16 bits rgb color
- 7  basn3p01 - 1 bit (2 color) paletted
- 8  basn3p02 - 2 bit (4 color) paletted
- 9  basn3p04 - 4 bit (16 color) paletted
- 10  basn3p08 - 8 bit (256 color) paletted
- 11  basn4a08 - 8 bit grayscale + 8 bit alpha-channel
- 12  basn4a16 - 16 bit grayscale + 16 bit alpha-channel
- 13  basn6a08 - 3x8 bits rgb color + 8 bit alpha-channel
- 14  basn6a16 - 3x16 bits rgb color + 16 bit alpha-channel










# PNG: Basic format test files (interlaced)

- 0  basi0g01 - black & white
- 1  basi0g02 - 2 bit (4 level) grayscale
- 2  basi0g04 - 4 bit (16 level) grayscale
- 3  basi0g08 - 8 bit (256 level) grayscale
- 4  basi0g16 - 16 bit (64k level) grayscale
- 5  basi2c08 - 3x8 bits rgb color
- 6  basi2c16 - 3x16 bits rgb color
- 7  basi3p01 - 1 bit (2 color) paletted
- 8  basi3p02 - 2 bit (4 color) paletted
- 9  basi3p04 - 4 bit (16 color) paletted
- 10  basi3p08 - 8 bit (256 color) paletted
- 11  basi4a08 - 8 bit grayscale + 8 bit alpha-channel
- 12  basi4a16 - 16 bit grayscale + 16 bit alpha-channel
- 13  basi6a08 - 3x8 bits rgb color + 8 bit alpha-channel
- 14  basi6a16 - 3x16 bits rgb color + 16 bit alpha-channel


# PNG: Sizes test files (no interlacing)


- 0 . s01n3p01 - 1x1 paletted file, no interlacing
- 1 . s02n3p01 - 2x2 paletted file, no interlacing
- 2 . s03n3p01 - 3x3 paletted file, no interlacing
- 3 . s04n3p01 - 4x4 paletted file, no interlacing
- 4 . s05n3p02 - 5x5 paletted file, no interlacing
- 5 . s06n3p02 - 6x6 paletted file, no interlacing
- 6 . s07n3p02 - 7x7 paletted file, no interlacing
- 7 . s08n3p02 - 8x8 paletted file, no interlacing
- 8 . s09n3p02 - 9x9 paletted file, no interlacing
- 9  s32n3p04 - 32x32 paletted file, no interlacing
- 10  s33n3p04 - 33x33 paletted file, no interlacing
- 11  s34n3p04 - 34x34 paletted file, no interlacing
- 12  s35n3p04 - 35x35 paletted file, no interlacing
- 13  s36n3p04 - 36x36 paletted file, no interlacing
- 14  s37n3p04 - 37x37 paletted file, no interlacing
- 15  s38n3p04 - 38x38 paletted file, no interlacing
- 16  s39n3p04 - 39x39 paletted file, no interlacing
- 17  s40n3p04 - 40x40 paletted file, no interlacing


# PNG: Sizes test files (interlaced)


- 0 . s01i3p01 - 1x1 paletted file, interlaced
- 1 . s02i3p01 - 2x2 paletted file, interlaced
- 2 . s03i3p01 - 3x3 paletted file, interlaced
- 3 . s04i3p01 - 4x4 paletted file, interlaced
- 4 . s05i3p02 - 5x5 paletted file, interlaced
- 5 . s06i3p02 - 6x6 paletted file, interlaced
- 6 . s07i3p02 - 7x7 paletted file, interlaced
- 7 . s08i3p02 - 8x8 paletted file, interlaced
- 8 . s09i3p02 - 9x9 paletted file, interlaced
  
- 9  s32i3p04 - 32x32 paletted file, interlaced
- 10  s33i3p04 - 33x33 paletted file, interlaced
- 11  s34i3p04 - 34x34 paletted file, interlaced
- 12  s35i3p04 - 35x35 paletted file, interlaced
- 13  s36i3p04 - 36x36 paletted file, interlaced
- 14  s37i3p04 - 37x37 paletted file, interlaced
- 15  s38i3p04 - 38x38 paletted file, interlaced
- 16  s39i3p04 - 39x39 paletted file, interlaced
- 17  s40i3p04 - 40x40 paletted file, interlaced

# PNG: Background test files (with alpha)


0  bgai4a08 - 8 bit grayscale, alpha, no background chunk, interlaced


1  bgai4a16 - 16 bit grayscale, alpha, no background chunk, interlaced


2  bgan6a08 - 3x8 bits rgb color, alpha, no background chunk

3  bgan6a16 - 3x16 bits rgb color, alpha, no background chunk














4  bgbn4a08 - 8 bit grayscale, alpha, black background chunk

5  bggn4a16 - 16 bit grayscale, alpha, gray background chunk


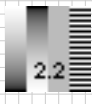
















6  bgwn6a08 - 3x8 bits rgb color, alpha, white background chunk

7  bgyn6a16 - 3x16 bits rgb color, alpha, yellow background chunk

# PNG: Transparency (and background) test files












- 0  tp0n1g08 - not transparent for reference (logo on gray)
- 1  tbbn1g04 - transparent, black background chunk
- 2  tbwn1g16 - transparent, white background chunk
- 3  tp0n2c08 - not transparent for reference (logo on gray)
- 4  tbrn2c08 - transparent, red background chunk
- 5  tbgn2c16 - transparent, green background chunk
- 6  tbbn2c16 - transparent, blue background chunk
- 7  tp0n3p08 - not transparent for reference (logo on gray)
- 8  tp1n3p08 - transparent, but no background chunk
- 9  tbbn3p08 - transparent, black background chunk
- 10  tbgn3p08 - transparent, light-gray background chunk
- 11  tbwn3p08 - transparent, white background chunk
- 12  tbyn3p08 - transparent, yellow background chunk

# PNG: Gamma test files

- 0  g03n0g16 - grayscale, file-gamma = 0.35
- 1  g04n0g16 - grayscale, file-gamma = 0.45
- 2  g05n0g16 - grayscale, file-gamma = 0.55
- 3  g07n0g16 - grayscale, file-gamma = 0.70
- 4  g10n0g16 - grayscale, file-gamma = 1.00
- 5  g25n0g16 - grayscale, file-gamma = 2.50
- 6  g03n2c08 - color, file-gamma = 0.35
- 7  g04n2c08 - color, file-gamma = 0.45
- 8  g05n2c08 - color, file-gamma = 0.55
- 9  g07n2c08 - color, file-gamma = 0.70
- 10  g10n2c08 - color, file-gamma = 1.00
- 11  g25n2c08 - color, file-gamma = 2.50
- 12  g03n3p04 - paletted, file-gamma = 0.35
- 13  g04n3p04 - paletted, file-gamma = 0.45
- 14  g05n3p04 - paletted, file-gamma = 0.55
- 15  g07n3p04 - paletted, file-gamma = 0.70
- 16  g10n3p04 - paletted, file-gamma = 1.00
- 17  g25n3p04 - paletted, file-gamma = 2.50



# PNG: Filtering test files





















- |    |   |  |
|----|---|--|
| 0  |    | f00n0g08 - grayscale, no interlacing, filter-type 0  |
| 1  |    | f00n2c08 - color, no interlacing, filter-type 0      |
| 2  |    | f01n0g08 - grayscale, no interlacing, filter-type 1  |
| 3  |    | f01n2c08 - color, no interlacing, filter-type 1      |
| 4  |    | f02n0g08 - grayscale, no interlacing, filter-type 2  |
| 5  |    | f02n2c08 - color, no interlacing, filter-type 2      |
| 6  |    | f03n0g08 - grayscale, no interlacing, filter-type 3  |
| 7  |    | f03n2c08 - color, no interlacing, filter-type 3      |
| 8  |   | f04n0g08 - grayscale, no interlacing, filter-type 4  |
| 9  |  | f04n2c08 - color, no interlacing, filter-type 4      |
| 10 |  | f99n0g04 - bit-depth 4, filter changing per scanline |











# PNG: Additional palette chunk test files

- 0  pp0n2c16 - six-cube palette-chunk in true-color image
- 1  pp0n6a08 - six-cube palette-chunk in true-color+alpha image
- 2  ps1n0g08 - six-cube suggested palette (1 byte) in grayscale image
- 3  ps1n2c16 - six-cube suggested palette (1 byte) in true-color image
- 4  ps2n0g08 - six-cube suggested palette (2 bytes) in grayscale image
- 5  ps2n2c16 - six-cube suggested palette (2 bytes) in true-color image

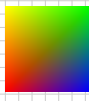
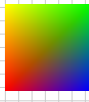

# PNG: Ancillary chunks test files

- 0  cs5n2c08 - color, 5 significant bits
- 1  cs8n2c08 - color, 8 significant bits (reference)
- 2  cs3n2c16 - color, 13 significant bits
- 3  cs3n3p08 - paletted, 3 significant bits
- 4  cs5n3p08 - paletted, 5 significant bits
- 5  cs8n3p08 - paletted, 8 significant bits (reference)
- 6  cdfn2c08 - physical pixel dimensions, 8x32 flat pixels
- 7  cdhn2c08 - physical pixel dimensions, 32x8 high pixels
- 8  cdsn2c08 - physical pixel dimensions, 8x8 square pixels
- 9  cdun2c08 - physical pixel dimensions, 1000 pixels per 1 meter
- 10  ccwn2c08 - chroma chunk w:0.3127,0.3290 r:0.64,0.33 g:0.30,0.60 b:0.15,0.06
- 11  ccwn3p08 - chroma chunk w:0.3127,0.3290 r:0.64,0.33 g:0.30,0.60 b:0.15,0.06
- 12  ch1n3p04 - histogram 15 colors
- 13  ch2n3p08 - histogram 256 colors
- 14  cm7n0g04 - modification time, 01-jan-1970 00:00:00
- 15  cm9n0g04 - modification time, 31-dec-1999 23:59:59
- 16  cm0n0g04 - modification time, 01-jan-2000 12:34:56
- 17  ct0n0g04 - no textual data
- 18  ct1n0g04 - with textual data
- 19  ctzn0g04 - with compressed textual data

# PNG: Chunk ordering

- 0  oi1n0g16 - grayscale mother image with 1 idat-chunk
- 1  oi2n0g16 - grayscale image with 2 idat-chunks
- 2  oi4n0g16 - grayscale image with 4 unequal sized idat-chunks
- 3  oi9n0g16 - grayscale image with all idat-chunks length one
- 4  oi1n2c16 - color mother image with 1 idat-chunk
- 5  oi2n2c16 - color image with 2 idat-chunks
- 6  oi4n2c16 - color image with 4 unequal sized idat-chunks
- 7  oi9n2c16 - color image with all idat-chunks length one

# PNG: Compression level

- 0  z00n2c08 - color, no interlacing, compression level 0 (none)
- 1  z03n2c08 - color, no interlacing, compression level 3
- 2  z06n2c08 - color, no interlacing, compression level 6 (default)
- 3  z09n2c08 - color, no interlacing, compression level 9 (maximum)