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
<table>
<thead>
<tr>
<th>No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>bgai4a08 - 8 bit grayscale, alpha, no background chunk, interlaced</td>
</tr>
<tr>
<td>1</td>
<td>bgai4a16 - 16 bit grayscale, alpha, no background chunk, interlaced</td>
</tr>
<tr>
<td>2</td>
<td>bgan6a08 - 3x8 bits rgb color, alpha, no background chunk</td>
</tr>
<tr>
<td>3</td>
<td>bgan6a16 - 3x16 bits rgb color, alpha, no background chunk</td>
</tr>
<tr>
<td>4</td>
<td>bgbn4a08 - 8 bit grayscale, alpha, black background chunk</td>
</tr>
<tr>
<td>5</td>
<td>bggn4a16 - 16 bit grayscale, alpha, gray background chunk</td>
</tr>
<tr>
<td>6</td>
<td>bgwn6a08 - 3x8 bits rgb color, alpha, white background chunk</td>
</tr>
<tr>
<td>7</td>
<td>bgyn6a16 - 3x16 bits rgb color, alpha, yellow background chunk</td>
</tr>
</tbody>
</table>
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
<table>
<thead>
<tr>
<th>Index</th>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>cs5n2c08</td>
<td>color, 5 significant bits</td>
</tr>
<tr>
<td>1</td>
<td>cs8n2c08</td>
<td>color, 8 significant bits (reference)</td>
</tr>
<tr>
<td>2</td>
<td>cs3n2c16</td>
<td>color, 13 significant bits</td>
</tr>
<tr>
<td>3</td>
<td>cs3n3p08</td>
<td>paletted, 3 significant bits</td>
</tr>
<tr>
<td>4</td>
<td>cs5n3p08</td>
<td>paletted, 5 significant bits</td>
</tr>
<tr>
<td>5</td>
<td>cs8n3p08</td>
<td>paletted, 8 significant bits (reference)</td>
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<tr>
<td>6</td>
<td>cdfn2c08</td>
<td>physical pixel dimensions, 8x32 flat pixels</td>
</tr>
<tr>
<td>7</td>
<td>cdhn2c08</td>
<td>physical pixel dimensions, 32x8 high pixels</td>
</tr>
<tr>
<td>8</td>
<td>cdsn2c08</td>
<td>physical pixel dimensions, 8x8 square pixels</td>
</tr>
<tr>
<td>9</td>
<td>cdun2c08</td>
<td>physical pixel dimensions, 1000 pixels per 1 meter</td>
</tr>
<tr>
<td>10</td>
<td>ccwn2c08</td>
<td>chroma chunk w:0.3127,0.3290 r:0.64,0.33 g:0.30,0.60 b:0.15,0.06</td>
</tr>
<tr>
<td>11</td>
<td>ccwn3p08</td>
<td>chroma chunk w:0.3127,0.3290 r:0.64,0.33 g:0.30,0.60 b:0.15,0.06</td>
</tr>
<tr>
<td>12</td>
<td>ch1n3p04</td>
<td>histogram 15 colors</td>
</tr>
<tr>
<td>13</td>
<td>ch2n3p08</td>
<td>histogram 256 colors</td>
</tr>
<tr>
<td>14</td>
<td>cm7n0g04</td>
<td>modification time, 01-jan-1970 00:00:00</td>
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<tr>
<td>15</td>
<td>cm9n0g04</td>
<td>modification time, 31-dec-1999 23:59:59</td>
</tr>
<tr>
<td>16</td>
<td>cm0n0g04</td>
<td>modification time, 01-jan-2000 12:34:56</td>
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<tr>
<td>17</td>
<td>ct0n0g04</td>
<td>no textual data</td>
</tr>
<tr>
<td>18</td>
<td>ct1n0g04</td>
<td>with textual data</td>
</tr>
<tr>
<td>19</td>
<td>ctzn0g04</td>
<td>with compressed textual data</td>
</tr>
</tbody>
</table>
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
<table>
<thead>
<tr>
<th>Compression Level</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>z00n2c08 - color, no interlacing, compression level 0 (none)</td>
</tr>
<tr>
<td>1</td>
<td>z03n2c08 - color, no interlacing, compression level 3</td>
</tr>
<tr>
<td>2</td>
<td>z06n2c08 - color, no interlacing, compression level 6 (default)</td>
</tr>
<tr>
<td>3</td>
<td>z09n2c08 - color, no interlacing, compression level 9 (maximum)</td>
</tr>
</tbody>
</table>