

| | | | | | | | | | | | | | | | | |
|---------------------------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| <i>L*</i> / <i>Y+Yr</i> | 18,0/ 2,5 | 23,1/ 3,8 | 28,2/ 5,5 | 33,3/ 7,7 | 38,5/10,3 | 43,6/13,6 | 48,8/17,4 | 54,0/21,9 | 59,1/27,2 | 64,3/33,2 | 69,5/40,0 | 74,7/47,8 | 79,8/56,5 | 85,0/66,1 | 90,2/76,8 | 95,4/88,6 |
| (absolute) | | | | | | | | | | | | | | | | |
| No. and Hex code | 00,F | 01,E | 02,D | 03,C | 04,B | 05,A | 06,9 | 07,8 | 08,7 | 09,6 | 10,5 | 11,4 | 12,3 | 13,2 | 14,1 | 15,0 |
| <i>L*</i> CIELAB, <i>r</i> (relative) | 0,000 | 0,067 | 0,133 | 0,200 | 0,267 | 0,333 | 0,400 | 0,467 | 0,533 | 0,600 | 0,667 | 0,733 | 0,800 | 0,867 | 0,933 | 1,000 |

Picture C3: 16 visual equidistant *L**-grey steps; Use of the PS operator `www* setrgbcolor`

| | | | | | | | | | | | | | | | | |
|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| PS operators: {}{}{}{}{} setcolortransfer, 3 colorimage | | | | | | | | | | | | | | | | |
| image data used | 000000 | 111111 | 222222 | 333333 | 444444 | 555555 | 666666 | 777777 | 888888 | 999999 | AAAAAA | BBBBBB | CCCCCC | DDDDDD | EEEEEE | FFFFFF |
| Different equivalent corresponding codes of image data | | | | | | | | | | | | | | | | |
| no., 4 bit hex | 00,F | 01,E | 02,D | 03,C | 04,B | 05,A | 06,9 | 07,8 | 08,7 | 09,6 | 10,5 | 11,4 | 12,3 | 13,2 | 14,1 | 15,0 |
| 1x8 bit integer | 0 | 17 | 34 | 51 | 68 | 85 | 102 | 119 | 136 | 153 | 170 | 187 | 204 | 221 | 238 | 255 |
| 1x8 bit hex | 00 | 11 | 22 | 33 | 44 | 55 | 66 | 77 | 88 | 99 | AA | BB | CC | DD | EE | FF |
| 1x decimal | 0.000 | 0.067 | 0.133 | 0.200 | 0.267 | 0.333 | 0.400 | 0.467 | 0.533 | 0.600 | 0.667 | 0.733 | 0.800 | 0.867 | 0.933 | 1.000 |
| CIELAB <i>L*</i> | 18.01 | 23.17 | 28.33 | 33.49 | 38.65 | 43.81 | 48.97 | 54.13 | 59.29 | 64.45 | 69.61 | 74.77 | 79.93 | 85.09 | 90.25 | 95.41 |
| CIELAB <i>a*</i> | 0.50 | 0.40 | 0.30 | 0.20 | 0.10 | 0.00 | -0.10 | -0.20 | -0.29 | -0.39 | -0.49 | -0.59 | -0.69 | -0.79 | -0.89 | -0.99 |
| CIELAB <i>b*</i> | -0.47 | -0.12 | 0.23 | 0.58 | 0.92 | 1.27 | 1.62 | 1.97 | 2.32 | 2.67 | 3.02 | 3.37 | 3.71 | 4.06 | 4.41 | 4.76 |

Y50-3N Transfer of hexadecimal image data for 16 grey steps; hex data in `www*` image file and linear spacing; no special inverse `cmy*-olv*` transfer of `www*` image data in FP file

| | | | | | | | | | | | | | | | | |
|---------------------------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| <i>L*</i> / <i>Y+Yr</i> | 18,0/ 2,5 | 23,1/ 3,8 | 28,2/ 5,5 | 33,3/ 7,7 | 38,5/10,3 | 43,6/13,6 | 48,8/17,4 | 54,0/21,9 | 59,1/27,2 | 64,3/33,2 | 69,5/40,0 | 74,7/47,8 | 79,8/56,5 | 85,0/66,1 | 90,2/76,8 | 95,4/88,6 |
| (absolute) | | | | | | | | | | | | | | | | |
| No. and Hex code | 00,F | 01,E | 02,D | 03,C | 04,B | 05,A | 06,9 | 07,8 | 08,7 | 09,6 | 10,5 | 11,4 | 12,3 | 13,2 | 14,1 | 15,0 |
| <i>L*</i> CIELAB, <i>r</i> (relative) | 0,000 | 0,067 | 0,133 | 0,200 | 0,267 | 0,333 | 0,400 | 0,467 | 0,533 | 0,600 | 0,667 | 0,733 | 0,800 | 0,867 | 0,933 | 1,000 |

Picture C3: 16 visual equidistant *L**-grey steps; Use of the PS operator `nmn0* setcmykcolor`

| | | | | | | | | | | | | | | | | |
|--|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| PS operators: {}{}{}{}{} setcolortransfer, 4 colorimage FP-transfer: adgs | | | | | | | | | | | | | | | | |
| image data used | FFFFFF00 | EEEEEE00 | DDDDDD00 | CCCCCC00 | BBBBBB00 | AAAAAA00 | 99999900 | 88888800 | 77777700 | 66666600 | 55555500 | 44444400 | 33333300 | 22222200 | 11111100 | 00000000 |
| Different equivalent corresponding codes of image data | | | | | | | | | | | | | | | | |
| no., 4 bit hex | 00,F | 01,E | 02,D | 03,C | 04,B | 05,A | 06,9 | 07,8 | 08,7 | 09,6 | 10,5 | 11,4 | 12,3 | 13,2 | 14,1 | 15,0 |
| 1x8 bit integer | 0 | 17 | 34 | 51 | 68 | 85 | 102 | 119 | 136 | 153 | 170 | 187 | 204 | 221 | 238 | 255 |
| 1x8 bit hex | 00 | 11 | 22 | 33 | 44 | 55 | 66 | 77 | 88 | 99 | AA | BB | CC | DD | EE | FF |
| 1x decimal | 0.000 | 0.067 | 0.133 | 0.200 | 0.267 | 0.333 | 0.400 | 0.467 | 0.533 | 0.600 | 0.667 | 0.733 | 0.800 | 0.867 | 0.933 | 1.000 |
| CIELAB <i>L*</i> | 18.01 | 23.17 | 28.33 | 33.49 | 38.65 | 43.81 | 48.97 | 54.13 | 59.29 | 64.45 | 69.61 | 74.77 | 79.93 | 85.09 | 90.25 | 95.41 |
| CIELAB <i>a*</i> | 0.50 | 0.40 | 0.30 | 0.20 | 0.10 | 0.00 | -0.10 | -0.20 | -0.29 | -0.39 | -0.49 | -0.59 | -0.69 | -0.79 | -0.89 | -0.99 |
| CIELAB <i>b*</i> | -0.47 | -0.12 | 0.23 | 0.58 | 0.92 | 1.27 | 1.62 | 1.97 | 2.32 | 2.67 | 3.02 | 3.37 | 3.71 | 4.06 | 4.41 | 4.76 |

L10-3N Transfer of hexadecimal image data for 16 grey steps; hex data in `nmn0*` image file and linear spacing; special inverse `cmy*-olv*` transfer of `nmn0*` image data in FP file

| | | | | | | | | | | | | | | | |
|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Picture C3 of ISO/IEC-test chart 3; similar <code>olv*</code> and <code>cmy0*</code> colorimage | | | | | | | | | | | | | | | |
| ISO/IEC 15775 and input: mixture (m) of PS operators | | | | | | | | | | | | | | | |
| DIS ISO/IEC 19839-X; output: Startup (S) data dependent | | | | | | | | | | | | | | | |

See for similar files: <http://www.ps.bam.de/DE90/DE90.HTM>
Information and Order: <http://www.ps.bam.de>

Version 2.0, io=5,m?

BAM registration: 20030201-DE90/10L/L90E04SP.PS/.PDF
application for monitors and printers

BAM material: code=th4ta