BAM registration: 20050101-ME04/L04E00F1.PS/.TXT
application for properties of monochromatic printers

See for similar files: http://www.ps.bam.de/ME04/
Technical information: http://www.ps.bam.de

Version 2.1, io=1,7; iORS; oORS, CIELAB

BAM material: code=rha4ta

ME04u   Font: 1/3, Scale: 1/1, Page: 1   Page: count 1

L* / Y   18.0/2.5   37.3/9.7   56.7/24.6   76.0/49.9   95.4/88.5   18.0/2.5   22.8/3.7   27.6/5.3   32.5/7.3   37.3/9.7   37.3/9.7   42.1/12.6   47.0/16.0   51.8/20.0   56.7/24.6

(absolute)

No. 0 to 16   00   04   08   12   16   00   01   02   03   04   04   05   06   07   08

w^* *intended, relat.*   0.0   0.25   0.5   0.75   1.0   0.0   0.25   0.5   0.75   1.0   0.0   0.25   0.5   0.75   1.0
w^* *visual, relative*   0.0   0.25   0.5   0.75   1.0   0.0   0.25   0.5   0.75   1.0   0.0   0.25   0.5   0.75   1.0

L* / Y   56.7/24.6   61.5/29.8   66.3/35.8   71.2/42.4   76.0/49.9   76.0/49.9   80.8/58.2   85.7/67.4   90.5/77.5   95.4/88.5

(absolute)

No. 0 to 16   08   09   10   11   12   12   13   14   15   16

w^* *intended, relat.*   0.0   0.25   0.5   0.75   1.0   0.0   0.25   0.5   0.75   1.0
w^* *visual, relative*   0.0   0.25   0.5   0.75   1.0   0.0   0.25   0.5   0.75   1.0

background and ring step   0-2
F-G
Hex code 32 steps of Pict. 2 and 3   U-W
4-0
H-E
W-S
code: background-ring   Landolt-rings W-N
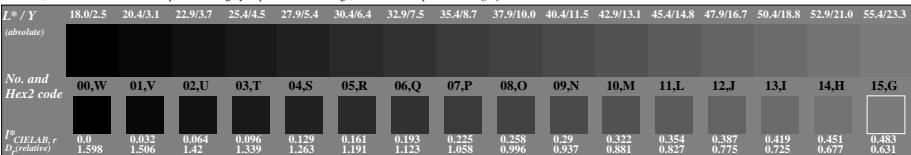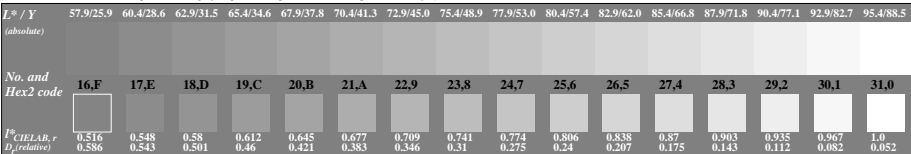
ME040-3, Picture 1: 5 times 5 visual equidistant L*-grey steps and Landolt−rings; Use of the PS operator w* setgray

L* / Y   18.0/2.5   20.4/3.1   22.9/3.7   25.4/4.5   27.9/5.4   30.4/6.4   32.9/7.5   35.4/8.7   37.9/10.0   40.4/11.5   42.9/13.1   45.4/14.8   47.9/16.7   50.4/18.8   52.9/21.0   55.4/23.3

(absolute)

No. and Hex2 code   00,W   01,V   02,U   03,T   04,S   05,R   06,Q   07,P   08,O   09,N   10,M   11,L   12,J   13,I   14,H   15,G

$l^*_{CIELAB, r}$ 0.0   0.032   0.064   0.096   0.129   0.161   0.193   0.225   0.258   0.29   0.322   0.354   0.387   0.419   0.451   0.483
D_j *(relative)*   1.598   1.506   1.42   1.339   1.263   1.191   1.123   1.058   0.996   0.937   0.881   0.827   0.775   0.725   0.677   0.631

ME040-5, Picture 2: 32 visual equidistant L*-grey steps, dark steps; Use of the PS operator w* setgray

L* / Y   57.9/25.9   60.4/28.6   62.9/31.5   65.4/34.6   67.9/37.8   70.4/41.3   72.9/45.0   75.4/48.9   77.9/53.0   80.4/57.4   82.9/62.0   85.4/66.8   87.9/71.8   90.4/77.1   92.9/82.7   95.4/88.5

(absolute)

No. and Hex2 code   16,F   17,E   18,D   19,C   20,B   21,A   22,9   23,8   24,7   25,6   26,5   27,4   28,3   29,2   30,1   31,0

$l^*_{CIELAB, r}$ 0.516   0.548   0.58   0.612   0.645   0.677   0.709   0.741   0.774   0.806   0.838   0.87   0.903   0.935   0.967   1.0
D_j *(relative)*   0.586   0.543   0.501   0.46   0.421   0.383   0.346   0.31   0.275   0.24   0.207   0.175   0.143   0.112   0.082   0.052

ME040-7, Picture 3: 32 visual equidistant L*-grey steps, light steps; Use of the PS operator w* setgray

BAM-ME04: Modification of achromatic CEN CSH 99012-test chart no. 3
Test chart for visual linearization of 5/32 step grey series, Landolt-rings

input: w* setgray
output: w* setgray