

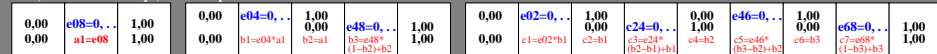
<http://farbe.li.tu-berlin.de/hem1/hem1f0n1.txt /ps>; only vector graphic VG; start output see separate images of this page: <http://farbe.li.tu-berlin.de/hem1/hem1.htm>

Three, 5 and 9 colour steps for visual evaluation

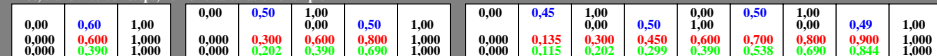
s: 0, 125, 250, 375, 500, 625, 750, 875, 1000  $I^*_{TUBLOG,U}=[50/\log(5)] \log(Y/Y_U)+50$ ,  $Y_N=4$ ,  $Y_U=20$ ,  $Y_W=100$   
Magenta M00w – Magenta M16w = White W



Three, 5 and 9 colour steps, numeric specification



Three, 5 and 9 colour steps, numeric calculation example



r: 0, 135, 300, 450, 600, 700, 800, 900, 1000

i: 0, 115, 202, 299, 390, 538, 690, 844, 1000  $I^*_{TUBLOG,U}=[50/\log(5)] \log(Y/Y_U)+50$ ,  $Y_N=4$ ,  $Y_U=20$ ,  $Y_W=100$   
Magenta M00w – Magenta M16w = White W

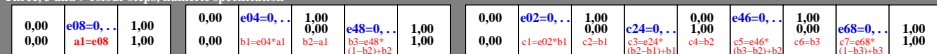


Three, 5 and 9 colour steps for visual evaluation

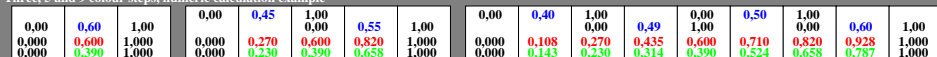
s: 0, 125, 250, 375, 500, 625, 750, 875, 1000  $I^*_{TUBLOG,U}=[50/\log(5)] \log(Y/Y_U)+50$ ,  $Y_N=4$ ,  $Y_U=20$ ,  $Y_W=100$   
Magenta M00w – Magenta M16w = White W



Three, 5 and 9 colour steps, numeric specification

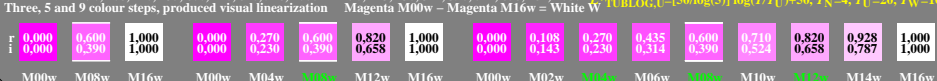


Three, 5 and 9 colour steps, numeric calculation example



r: 0, 108, 270, 435, 600, 710, 820, 928, 1000

i: 0, 143, 230, 314, 390, 524, 658, 787, 1000  $I^*_{TUBLOG,U}=[50/\log(5)] \log(Y/Y_U)+50$ ,  $Y_N=4$ ,  $Y_U=20$ ,  $Y_W=100$   
Magenta M00w – Magenta M16w = White W



TUB-test chart hem1; adj & sep grey samples for visual intervall scaling, evaluation of the series M\_W with 3, 5 and 9 steps, output (rgb\*)1.0 & experimental; surround mean Grey U=N08w

see similar files of the whole serie: <http://farbe.li.tu-berlin.de/hem1.htm>  
technical information: <http://farbe.li.tu-berlin.de/> or <http://color.li.tu-berlin.de>

TUB registration: 20241001-hem1-hem1f0n1.txt /ps  
application for evaluation and measurement of display or print output  
TUB material: code=thadta

M00-76: Test samples: 3, 5 and 9 colour steps, gray=0.500, cyan=1.000, magenta=1.000, exp=1.000