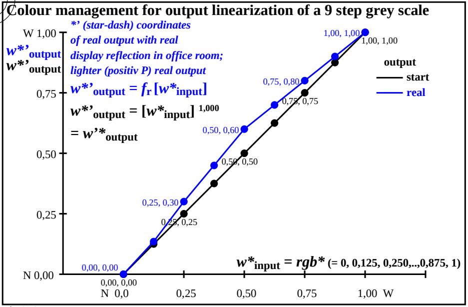
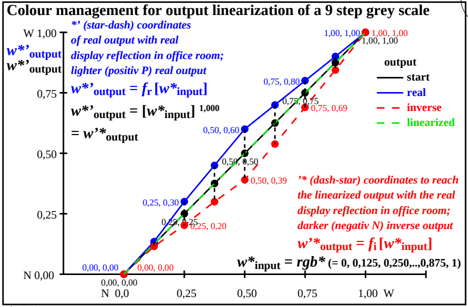


hei80-3n



hei81-3n

s: 0, 125, 250, 375, 500, 625, 750, 875, 1000
Black N00c − Black N16c = Cyan C
$L^*_{TUBLOG,U}$=[50/log(5)] log(Y/Y_U)+50, Y_N=4, Y_U=20, Y_W=100

Three, 5 and 9 colour steps for visual evaluation

N00c N08c N16c | N00c N04c N08c N12c N16c | N00c N02c N04c N06c N08c N10c N12c N14c N16c

0 12? 25? 37? 50? 62? 75? 87? 100

Three, 5 and 9 colour steps, numeric specification

0,00 0,00	e08=0, . . a1=e08	1,00 1,00

0,00 0,00	e04=0, . . b1=e04*a1	1,00 0,00 b2=a1	e48=0, . . b3=e48*(1−b2)+b2	1,00 1,00

0,00 0,00	e02=0, . . c1=e02*b1	1,00 0,00 c2=b1	c24=0, . . c3=e24*(b2−b1)+b1	0,00 1,00 c4=b2	e46=0, . . c5=e46*(b3−b2)+b2	1,00 0,00 c6=b3	e68=0, . . c7=e68*(1−b3)+b3	1,00 1,00

Three, 5 and 9 colour steps, numeric calculation example

0,00 0,000 0,000	0,60 0,600 0,390	1,00 1,000 1,000

0,00 0,000 0,000	0,50 0,300 0,202	1,00 0,00 0,600 0,390	0,50 0,800 0,690	1,00 1,000 1,000

0,00 0,000 0,000	0,45 0,135 0,115	1,00 0,00 0,300 0,202	0,50 0,450 0,299	0,00 1,00 0,600 0,390	0,50 0,700 0,538	1,00 0,00 0,800 0,690	0,49 0,900 0,844	1,00 1,000 1,000

r: 0, 135, 300, 450, 600, 700, 800, 900, 1000
i: 0, 115, 202, 299, 390, 538, 690, 844, 1000
Black N00c − Black N16c = Cyan C
$L^*_{TUBLOG,U}$=[50/log(5)] log(Y/Y_U)+50, Y_N=4, Y_U=20, Y_W=100

Three, 5 and 9 colour steps, produced visual linearization

N00c N08c N16c | N00c N04c N08c N12c N16c | N00c N02c N04c N06c N08c N10c N12c N14c N16c

hei80-7n, Test samples: 3, 5 and 9 colour steps, greu=0,500, expu=1,000, expa=1,000, expi=1,000

TUB-test chart hei8; adjacent grey samples for visual intervall scaling, evaluation of the series N_C 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/heis.htm
technical information: http://farbe.li.tu-berlin.de or http://color.li.tu-berlin.de

TUB registration: 20241001-hei8/hei8l0n1.txt /.ps
application for evaluation and measurement of display or print output

TUB material: code=rha4ta