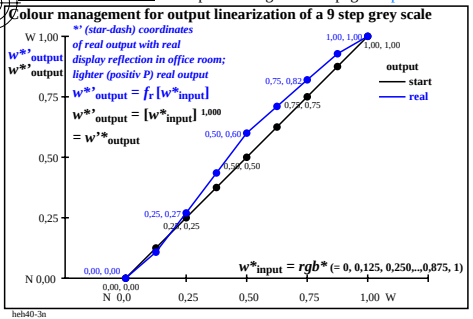
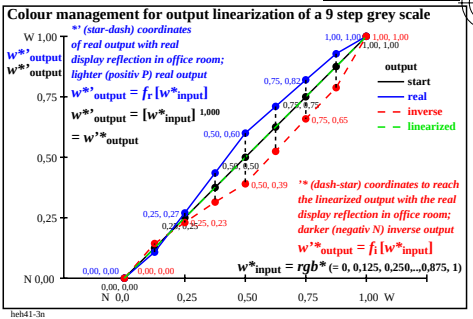
http://farbe.li.tu-berlin.de/heh4/heh4l0n1.txt /.ps; only vector graphic VG; start output
see separate images of this page: http://farbe.li.tu-berlin.de/heh4/heh4.htm





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

TUB registration: 20241001-heh4/heh4l0n1.txt /.ps
application for evaluation and measurement of display or print output

TUB material: code=hha4a

Three, 5 and 9 colour steps for visual evaluation

s: 0, 125, 250, 375, 500, 625, 750, 875, 1000 Black N00r ~ Black N16r = Red R

$L^*_{TUBLOG,U}=[50/\log(5)]\ \log(Y/Y_U)+50$, $Y_N=4$, $Y_U=20$, $Y_W=100$

Three, 5 and 9 colour steps, numeric specification

0,00	e08=0, . .	1,00	0,00	e04=0, . .	1,00	e48=0, . .	1,00	0,00	e02=0, . .	1,00	c24=0, . .	0,00	e46=0, . .	1,00	0,00	e68=0, . .	1,00
0,00	a1=e08	1,00	0,00	b1=e04*a1	0,00 b2=a1	b3=e48* (1−b2)+b2	1,00	0,00	c1=e02*b1	c2=b1	c3=e24* (b2−b1)+b1	1,00 c4=b2	c5=e46* (b3−b2)+b2	0,00 c6=b3	1,00	c7=e68* (1−b3)+b3	1,00

Three, 5 and 9 colour steps, numeric calculation example

0,00	0,60	1,00	0,00	0,45	1,00	0,00	0,40	1,00	0,00	0,49	0,00	0,50	1,00	0,00	0,60	1,00
0,000	0,600	1,000	0,000	0,270	0,600	0,820	0,000	0,108	0,270	0,435	0,600	0,710	0,820	0,928	1,000
0,000	0,390	1,000	0,000	0,230	0,390	0,658	0,000	0,143	0,230	0,314	0,390	0,524	0,658	0,787	1,000

r: 0, 108, 270, 435, 600, 710, 820, 928, 1000 i: 0, 143, 230, 314, 390, 524, 658, 787, 1000

Three, 5 and 9 colour steps, produced visual linearization

Black N00r ~ Black N16r = Red R

$L^*_{TUBLOG,U}=[50/\log(5)]\ \log(Y/Y_U)+50$, $Y_N=4$, $Y_U=20$, $Y_W=100$

heh5a, Test samples: 5, 5 and 9 colour steps, gma=0.500, mgw=1.000, mgw=1.000, mgw=1.000

TUB-test chart heh4; separate grey samples for visual intervall scaling, evaluation of the series N_R with 3, 5 and 9 steps, output (rgb^*)^{1,0} & experimental; surround mean Grey U=N08w