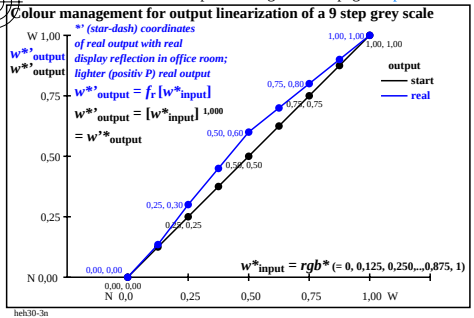
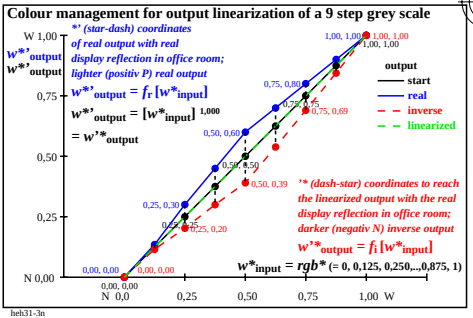
http://farbe.li.tu-berlin.de/heh3/heh3l0n1.txt /.ps; only vector graphic VG; start output
see separate images of this page: http://farbe.li.tu-berlin.de/heh3/heh3.htm





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-heh3/heh3l0n1.txt /.ps
application for evaluation and measurement of display or print output

TUB material: code=rha4ta

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

Three, 5 and 9 colour steps for visual evaluation — Black N00r ~ Black N16r = Red R

N00r	N08r	N16r	N00r	N04r	N08r	N12r	N16r	N00r	N02r	N04r	N06r	N08r	N10r	N12r	N14r	N16r
								0	12?	25?	37?	50?	62?	75?	87?	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	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	c4=b2	c5=e46* (b3−b2)+b2	c6=b3	c7=e68* (1−b3)+b3	1,00

Three, 5 and 9 colour steps, numeric calculation example

0,00	0,60	1,00	0,00	0,50	1,00			0,00	0,45	1,00		0,00	0,50	1,00				
0,000	0,600	1,000	0,000	0,300	0,600	0,500	1,000	0,000	0,450	0,500	0,450	0,500	0,700	0,800	0,490	0,900	1,000	
0,000	0,390	1,000	0,000	0,202	0,390	0,690	1,000	0,000	0,115	0,202	0,299	0,390	0,538	0,690	0,844	1,000		

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

Three, 5 and 9 colour steps, produced visual linearization — Black N00r ~ Black N16r = Red R

N00r	N08r	N16r	N00r	N04r	N08r	N12r	N16r	N00r	N02r	N06r	N08r	N10r	N12r	N14r	N16r

20%, Test samples: 3, 5 and 9 colour steps; gray=0,500, expo=1,000, expo=1,000, expo=1,000

TUB-test chart heh3; adjacent 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