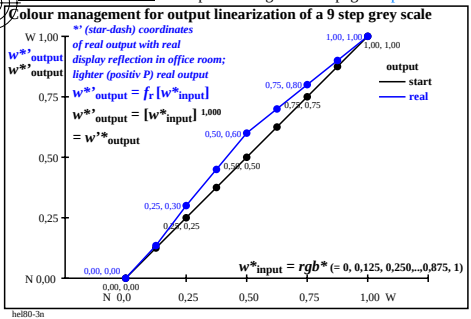
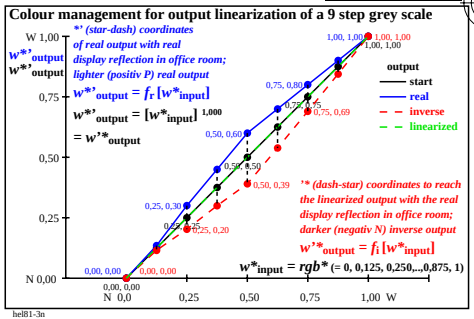
http://farbe.li.tu-berlin.de/hel8/hel8l0n1.txt /.ps; only vector graphic VG; start output
see separate images of this page: http://farbe.li.tu-berlin.de/hel8/hel8.htm





Three, 5 and 9 colour steps for visual evaluation

s: 0, 125, 250, 375, 500, 625, 750, 875, 1000 — Cyan C00w – Cyan C16w = White W — $L^*_{TUBLOG,U}$=[50/log(5)] log(Y/Y_U)+50, Y_N=4, Y_U=20, Y_W=100

C00w	C08w	c16w	C00w	C04w	C08w	c12w	c16w	C00w	C02w	C04w	C06w	C08w	c10w	c12w	c14w	c16w
								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	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	0,50	1,00	0,00	0,45	1,00	0,00	0,50	1,00	0,00	0,49	1,00
0,000	0,600	1,000	0,000	0,300	0,600	0,000	0,800	1,000	0,000	0,135	0,300	0,000	0,700	0,800	0,900	0,844	1,000
0,000	0,390	1,000	0,000	0,202	0,390	0,000	0,690	1,000	0,000	0,115	0,202	0,000	0,538	0,690	0,844	1,000	1,000

r: 0, 135, 300, 450, 600, 700, 800, 900, 1000 — i: 0, 115, 202, 299, 390, 538, 690, 844, 1000 — Cyan C00w – Cyan C16w = White W — $L^*_{TUBLOG,U}$=[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

C00w	C08w	c16w	C00w	C04w	C08w	c12w	c16w	C00w	C02w	C04w	C06w	C08w	c10w	c12w	c14w	c16w

TUB-test chart hel8; adjacent grey samples for visual intervall scaling, evaluation of the series C_W with 3, 5 and 9 steps, output *(rgb*)*^{1,0} & experimental; surround mean Grey U=N08w