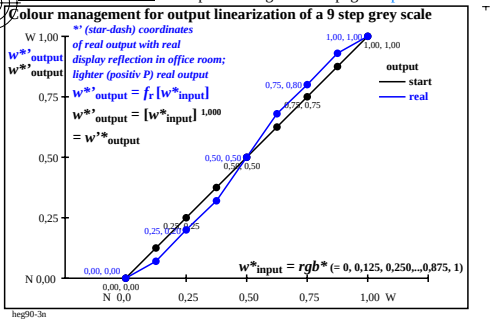

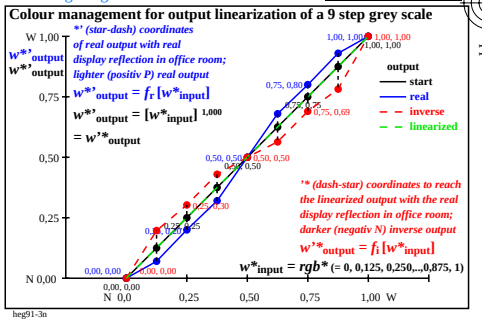

Three, 5 and 9 colour steps for visual evaluation

s: 0, 125, 250, 375, 500, 625, 750, 875, 1000 Black N00w – Black N16w = White W

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

N00w N08w N16w | N00w N04w N08w N12w N16w | N00w 0 | N02w 12? | N04w 25? | N06w 37? | N08w 50? | N10w 62? | N12w 75? | N14w 87? | N16w 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	c7=e68* (1−b3)+b3	1,00

Three, 5 and 9 colour steps, numeric calculation example

0,00	0,50	1,00	0,00	0,40	1,00	0,00	0,35	1,00	0,00	0,39	0,60	1,00	0,00	0,65	1,00
0,000	0,500	1,000	0,000	0,200	0,500	0,800	0,070	0,200	0,320	0,429	0,500	0,680	0,800	0,930	1,000
0,000	0,500	1,000	0,000	0,302	0,500	0,690	0,196	0,302	0,429	0,500	0,563	0,690	0,782	1,000

r: 0, 70, 200, 320, 500, 680, 800, 930, 1000 i: 0, 196, 302, 429, 500, 563, 690, 782, 1000

Three, 5 and 9 colour steps, produced visual linearization

Black N00w – Black N16w = White W

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

N00w N08w N16w | N00w N04w N08w N12w N16w | N00w N02w N04w N06w N08w N10w N12w N14w N16w

TUB-test chart heg9; separate grey samples for visual intervall scaling, evaluation of the series N_W with 3, 5 and 9 steps, output $(rgb^*)^{1,0}$ & experimental_2; surround mean Grey U=N08w