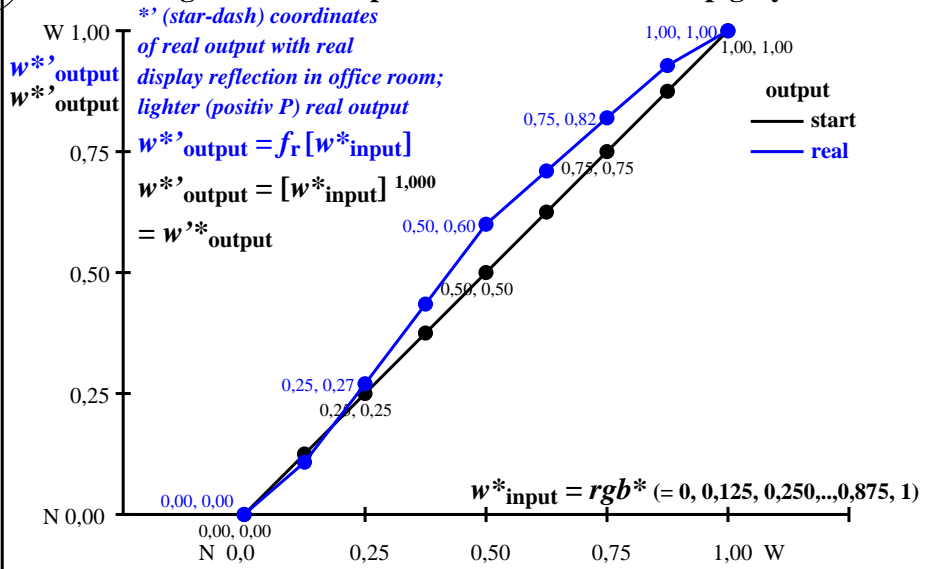
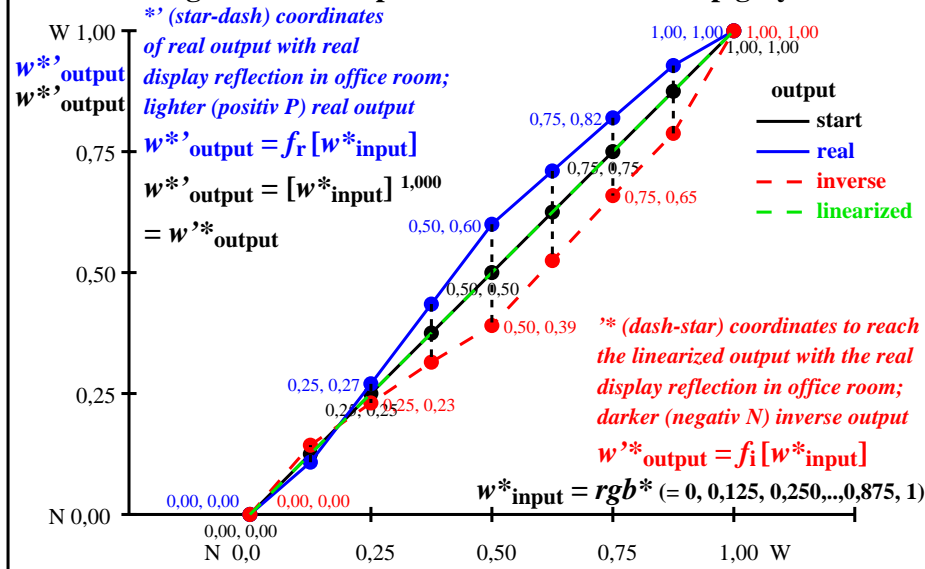


Colour management for output linearization of a 9 step grey scale



Colour management for output linearization of a 9 step grey scale



hek90-3n

hek91-3n

Three, 5 and 9 colour steps for visual evaluation s: 0, 125, 250, 375, 500, 625, 750, 875, 1000 $L^*_{TUBLOG,U}=[50/\log(5)] \log(Y/Y_U)+50, Y_N=4, Y_U=20, Y_W=100$
 Green G00w – Green G16w = White W



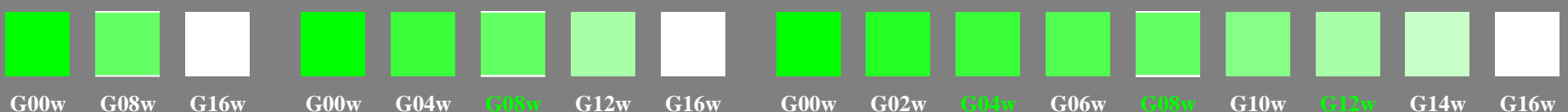
Three, 5 and 9 colour steps, numeric specification

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	e48=0, .. b2=a1 b3=e48* (1-b2)+b2	1,00 1,00	0,00 0,00	e02=0, .. c1=e02*b1	1,00 0,00	c24=0, .. c2=b1 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
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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	0,45 0,270 0,230	1,00 0,600 0,390	0,55 0,820 0,658	1,00 1,000 1,000	0,00 0,000 0,000	0,40 0,108 0,143	1,00 0,270 0,230	0,49 0,435 0,314	0,00 1,00 0,390	0,50 0,600 0,524	1,00 0,820 0,658	0,60 0,928 0,787	1,00 1,000 1,000
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Three, 5 and 9 colour steps, produced visual linearization $L^*_{TUBLOG,U}=[50/\log(5)] \log(Y/Y_U)+50, Y_N=4, Y_U=20, Y_W=100$
 Green G00w – Green G16w = White W



hek90-7n, Test samples: 3, 5 and 9 colour steps, greu=0.500, expu=1.000, expa=1.000, expi=1.000

TUB-test chart hek9; separate grey samples for visual intervall scaling, evaluation of the series G_W with 3, 5 and 9 steps, output (rgb*)^{1,0} & experimental; surround mean Grey U=N08w