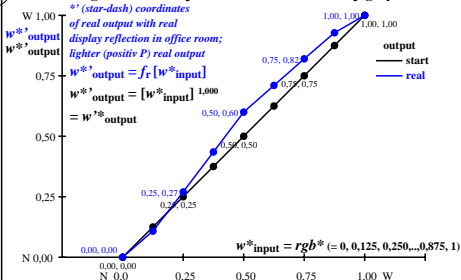
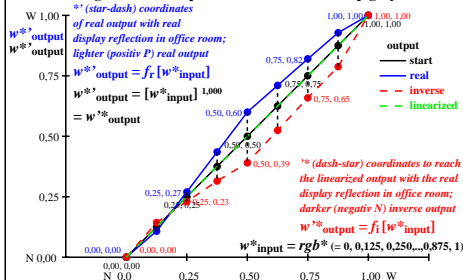


Colour management for output linearization of a 9 step grey scale



Colour management for output linearization of a 9 step grey scale



heh90-3a

heh91-3a

Three, 5 and 9 colour steps for visual evaluation s: 0, 125, 250, 375, 500, 625, 750, 875, 1000 $L^*_{TUBLOG,U}=[50/\log(5)] \log(Y/Y_U)+50, Y_N=4, Y_U=20, Y_W=100$
 Black N00g – Black N16g = Green G



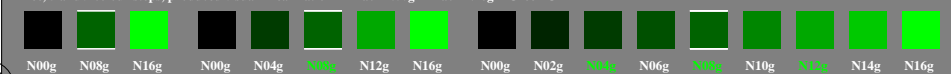
Three, 5 and 9 colour steps, numeric specification

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	b3=e48* (1-b2)+b2	1,00 1,00	0,00 0,00	e02=0, .. c1=e02*b1	1,00 0,00	c2=b1	1,00 0,00	c24=0, .. c3=e24* (b2-b1)+b1	1,00 0,00	c4=b2	0,00 1,00	e46=0, .. c5=e46* (b3-b2)+b2	1,00 0,00	c6=b3	1,00 1,00	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	0,00 0,820 0,658	1,00 1,000 1,000	0,00 0,000 0,000	0,40 0,108 0,143	1,00 0,00 0,230	0,00 0,270 0,435	1,00 0,00 0,314	0,49 0,600 0,390	0,00 1,00 0,524	1,00 0,00 0,524	0,50 0,710 0,658	1,00 0,00 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 $L^*_{TUBLOG,U}=[50/\log(5)] \log(Y/Y_U)+50, Y_N=4, Y_U=20, Y_W=100$
 Black N00g – Black N16g = Green G



TUB-test chart heh9; separate grey samples for visual interval scaling, evaluation of the series N_G with 3, 5 and 9 steps, output (rgb*)^{1.0} & experimental; surround mean Grey U=N08w

see similar files of the whole series: <http://farbe.li.tu-berlin.de/heh.htm>
 technical information: <http://farbe.li.tu-berlin.de> or <http://color.li.tu-berlin.de>