

<http://farbe.li.tu-berlin.de/hel0/hel0f0m1.txt> / .ps; only vector graphic VG; start output
 see separate images of this page: <http://farbe.li.tu-berlin.de/hel0/hel0.htm>

Three, 5 and 9 colour steps for visual evaluation

s: 0, 125, 250, 375, 500, 625, 750, 875, 1000 $L^*_{TUBLOG,U}=[50/\log(5)] \log(Y/Y_U)+50, Y_N=4, Y_U=20, Y_W=100$
 Blue B00w - Blue B16w = White W



Three, 5 and 9 colour steps, numeric specification

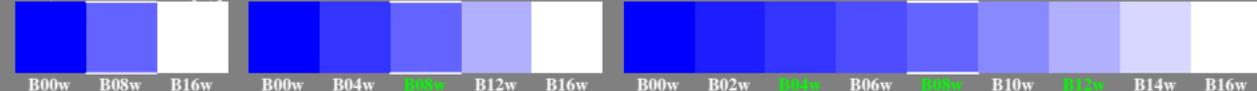
0,00 0,00	e08=0, .. a1=e08	1,00 1,00	0,00 0,00	e04=0, .. b1=e04*a1	1,00 0,00	0,00 0,00	e48=0, .. b3=e48* (1-b2)+b2	1,00 1,00	0,00 0,00	e02=0, .. c1=e02*b1	1,00 0,00	0,00 0,00	e24=0, .. c3=e24* (b2-b1)+b1	0,00 0,00	e08=0, .. c4=b2	1,00 0,00	e46=0, .. c5=e46* (b3-b2)+b2	1,00 0,00	0,00 0,00	e68=0, .. c7=e68* (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	0,50 0,300 0,202	1,00 0,600 0,390	0,00 0,000 0,000	0,50 0,800 0,690	1,00 1,000 1,000	0,00 0,000 0,000	0,45 0,135 0,115	1,00 0,00 0,202	0,00 0,000 0,202	0,50 0,450 0,299	0,00 0,600 0,390	1,00 0,700 0,538	1,00 0,800 0,690	0,00 0,000 0,690	0,50 0,800 0,900	1,00 1,000 1,000	0,49 0,900 0,844	1,00 1,000 1,000
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Three, 5 and 9 colour steps, produced visual linearization

r: 0, 135, 300, 450, 600, 700, 800, 900, 1000 i: 0, 115, 202, 299, 390, 538, 690, 844, 1000 $L^*_{TUBLOG,U}=[50/\log(5)] \log(Y/Y_U)+50, Y_N=4, Y_U=20, Y_W=100$
 Blue B00w - Blue B16w = White W



Three, 5 and 9 colour steps for visual evaluation

s: 0, 125, 250, 375, 500, 625, 750, 875, 1000 $L^*_{TUBLOG,U}=[50/\log(5)] \log(Y/Y_U)+50, Y_N=4, Y_U=20, Y_W=100$
 Blue B00w - Blue B16w = 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	0,00 0,00	e48=0, .. b3=e48* (1-b2)+b2	1,00 1,00	0,00 0,00	e02=0, .. c1=e02*b1	1,00 0,00	0,00 0,00	e24=0, .. c3=e24* (b2-b1)+b1	0,00 0,00	e08=0, .. c4=b2	1,00 0,00	e46=0, .. c5=e46* (b3-b2)+b2	1,00 0,00	0,00 0,00	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 0,000 0,000	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 0,00 0,230	0,00 0,000 0,230	0,49 0,435 0,314	0,00 0,600 0,390	1,00 0,710 0,524	1,00 0,820 0,658	0,00 0,000 0,658	0,50 0,820 0,787	1,00 1,000 1,000	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

r: 0, 108, 270, 435, 600, 710, 820, 928, 1000 i: 0, 143, 230, 314, 390, 524, 658, 787, 1000 $L^*_{TUBLOG,U}=[50/\log(5)] \log(Y/Y_U)+50, Y_N=4, Y_U=20, Y_W=100$
 Blue B00w - Blue B16w = White W



TUB-test chart hel0; adj & sep grey samples for visual interval scaling, evaluation of the series
 B_W with 3, 5 and 9 steps, output (rgb*)^{1,0} & experimental; surround mean Grey U=N08w

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

TUB registration: 20241001-hel0/hel0f0m1.txt / .ps
 application for evaluation and measurement of display or print output
 TUB material: code=thafra

W076, Test samples: 3, 5 and 9 colour steps, gamma=0.500, expno=1.000, expin=1.000, expm=1.000