

<http://farbe.li.tu-berlin.de/hell/hell10na.txt> / .ps; only vector graphic VG; start output
 see separate images of this page: <http://farbe.li.tu-berlin.de/hell/hell1.htm>

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 for visual evaluation



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	c24=0, .. c3=e24*(b2-b1)+b1	1,00 1,00	0,00 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	0,50 0,800 0,690	1,00 1,000 1,000	0,00 0,000 0,000	0,45 0,135 0,115	1,00 0,300 0,202	0,50 0,450 0,299	0,00 0,600 0,390	1,00 0,700 0,538	0,50 0,800 0,690	1,00 0,900 0,844	0,00 0,000 0,000	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

0,000 0,000 0,000 0,000	0,500 0,600 0,390 0,500	1,000 1,000 1,000 1,000	0,000 0,000 0,000 0,000	0,250 0,300 0,202 0,250	0,500 0,600 0,390 0,500	0,750 0,800 0,690 0,750	1,000 1,000 1,000 1,000	0,000 0,000 0,000 0,000	0,125 0,135 0,115 0,125	0,250 0,300 0,202 0,250	0,375 0,450 0,299 0,375	0,500 0,600 0,390 0,500	0,625 0,700 0,538 0,625	0,750 0,800 0,690 0,750	0,875 0,900 0,844 0,875	1,000 1,000 1,000 1,000
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 Blue B00w – Blue B16w = White W

Three, 5 and 9 colour steps for visual evaluation



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	c24=0, .. c3=e24*(b2-b1)+b1	1,00 1,00	0,00 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	0,55 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 0,600 0,390	0,50 0,710 0,524	1,00 0,820 0,658	0,60 0,928 0,787	0,00 0,000 0,000	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

0,000 0,000	0,600 0,390	1,000 1,000	0,000 0,000	0,270 0,230	0,600 0,390	0,820 0,658	1,000 1,000	0,000 0,000	0,108 0,143	0,270 0,230	0,435 0,314	0,600 0,390	0,710 0,524	0,820 0,658	0,928 0,787	1,000 1,000
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 Blue B00w – Blue B16w = White W

TUB-test chart hell1; adj & sep grey samples for visual intervall 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/hells.htm>
 technical information: <http://farbe.li.tu-berlin.de> or <http://color.li.tu-berlin.de>

TUB registration: 20241001-hell/hell10na.txt / .ps
 application for evaluation and measurement of display or print output
 TUB material: code=rh4ta

hell10-7n, Test samples: 3, 5 and 9 colour steps, greu=0.500, expu=1.000, expa=1.000, expi=1.000