

<http://farbe.li.tu-berlin.de/hel5/hel510n1.txt> / .ps; only vector graphic VG; start output
see separate images of this page: <http://farbe.li.tu-berlin.de/hel5/hel5.htm>

s: 0, 125, 250, 375, 500, 625, 750, 875, 1000 $L^*_{TUBLOG,U}=[50/\log(5)] \log(Y/Y_U)+50$, $Y_N=4$, $Y_U=20$, $Y_W=100$
Cyan C00w – Cyan C16w = 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	0,00 0,00	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	0,50 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 0,000 0,390	1,00 1,00 0,390	0,50 0,600 0,538	1,00 0,00 0,690	0,49 0,800 0,844	1,00 1,000 1,000
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r: 0, 135, 300, 450, 600, 700, 800, 900, 1000

i: 0, 115, 202, 299, 390, 538, 690, 844, 1000

Three, 5 and 9 colour steps, produced visual linearization



Three, 5 and 9 colour steps for visual evaluation

s: 0, 125, 250, 375, 500, 625, 750, 875, 1000 $L^*_{TUBLOG,U}=[50/\log(5)] \log(Y/Y_U)+50$, $Y_N=4$, $Y_U=20$, $Y_W=100$
Cyan C00w – Cyan C16w = 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	c24=0, .. c3=e24* (b2-b1)+b1	0,00 0,00	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	0,00 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 0,000 0,390	1,00 1,00 0,524	0,50 0,600 0,524	1,00 0,00 0,658	0,60 0,928 0,787	1,00 1,000 1,000
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r: 0, 108, 270, 435, 600, 710, 820, 928, 1000

i: 0, 143, 230, 314, 390, 524, 658, 787, 1000

Three, 5 and 9 colour steps, produced visual linearization



TUB-test chart hel5; adj & sep grey samples for visual interval scaling, evaluation of the series C_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/hel5.htm>
technical information: <http://farbe.li.tu-berlin.de> or <http://color.li.tu-berlin.de>

TUB registration: 20241001-hel5/hel510n1.txt / .ps
application for evaluation and measurement of display or print output

TUB material: code=thadta

95/76, Test samples: 3, 5 and 9 colour steps, gamma=0.50, expo=1.000, expo=1.000, expo=1.000