

<http://farbe.li.tu-berlin.de/hem5/hem5l0n1.txt> /ps; only vector graphic VG; start output see separate images of this page: <http://farbe.li.tu-berlin.de/hem5/hem5.htm>

s: 0, 125, 250, 375, 500, 625, 750, 875, 1000 $L^*_{TUBLOG,U}=[50/\log(5)] \log(Y/T_U)+50$, $Y_N=4$, $Y_U=20$, $Y_W=100$
Gelb Y00w – Gelb Y16w = 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	0,00 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 1,000 0,390	0,50 0,600 0,538	1,00 0,00 0,690	0,00 0,000 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



s: 0, 125, 250, 375, 500, 625, 750, 875, 1000 $L^*_{TUBLOG,U}=[50/\log(5)] \log(Y/T_U)+50$, $Y_N=4$, $Y_U=20$, $Y_W=100$
Gelb Y00w – Gelb Y16w = 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	0,00 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 1,000 0,524	0,50 0,600 0,524	1,00 0,00 0,658	0,00 0,000 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



s: 0, 125, 250, 375, 500, 625, 750, 875, 1000 $L^*_{TUBLOG,U}=[50/\log(5)] \log(Y/T_U)+50$, $Y_N=4$, $Y_U=20$, $Y_W=100$
Gelb Y00w – Gelb Y16w = White W

TUB-test chart hem5; adj & sep grey samples for visual intervall scaling, evaluation of the series Y_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/hem5.htm>
technical information: <http://farbe.li.tu-berlin.de/> or <http://color.li.tu-berlin.de>

TUB registration: 20241001-hem5/hem5l0n1.txt /ps
application for evaluation and measurement of display or print output
TUB material: code=thadta

hem5-76, Test samples: 3, 5 and 9 colour steps, exp=0,500, exp=1,000, exp=1,000, exp=1,000