



hef50-3n

hef51-3n

s: 0, 125, 250, 375, 500, 625, 750, 875, 1000
 Black N00w – Black N16w = White W $L^*_{TUBLOG,U}=[50/\log(5)] \log(Y/Y_U)+50, Y_N=4, Y_U=20, Y_W=100$

Three, 5 and 9 colour steps for visual evaluation

0,00	0,500	1,000	0,000	0,250	0,500	0,750	1,000	0,000	0,125	0,250	0,375	0,500	0,625	0,750	0,875	1,000
N00w	N08w	N16w	N00w	N04w	N08w	N12w	N16w	N00w	N02w	N04w	N06w	N08w	N10w	N12w	N14w	N16w
0	127	254	0	127	254	381	508	0	127	254	381	507	627	752	877	1000

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 b2=a1	e48=0, .. b3=e48* (1-b2)+b2	1,00 1,00	0,00 0,00	e02=0, .. c1=e02*b1	1,00 0,00 c2=b1	e24=0, .. c3=e24* (b2-b1)+b1	1,00 1,00 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	0,40 0,240 0,260	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 0,096 0,157	1,00 0,240 0,260	0,50 0,420 0,329	0,00 0,600 0,390	0,50 0,710 0,524	1,00 0,820 0,658	0,60 0,928 0,787	1,00 1,000 1,000
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r: 0, 96, 240, 420, 600, 710, 820, 928, 1000

e: 0, 157, 260, 329, 390, 524, 658, 787, 1000

Three, 5 and 9 colour steps, produced visual linearization

Black N00w – Black N16w = White W

0,000 0,000	0,600 0,390	1,000 1,000	0,000 0,000	0,240 0,260	0,600 0,390	0,820 0,658	1,000 1,000	0,000 0,000	0,096 0,157	0,240 0,260	0,420 0,329	0,600 0,390	0,710 0,524	0,820 0,658	0,928 0,787	1,000 1,000
N00w	N08w	N16w	N00w	N04w	N08w	N12w	N16w	N00w	N02w	N04w	N06w	N08w	N10w	N12w	N14w	N16w

hef50-7n; Test samples: 3, 5 and 9 colour steps, gre=0,500, exp=1,000, exp=1,000, exp=1,000

TUB-test chart hef5: Separate grey samples for visual interval scaling, evaluation of the series N–W 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/hef5.htm>
 technical information: <http://farbe.li.tu-berlin.de> or <http://color.li.tu-berlin.de>

TUB registration: 20241001-hef5/hef510n1.txt / .ps
 application for evaluation and measurement of display or print output
 TUB material: code=thafra