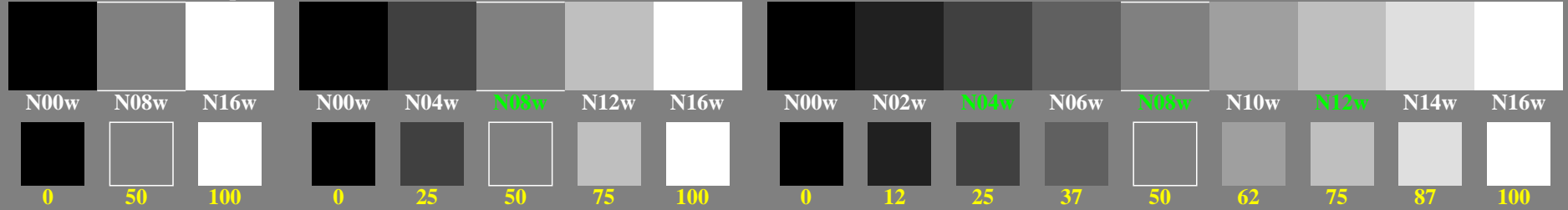


<http://farbe.li.tu-berlin.de/ger3/ger310np.pdf>; only vector graphic VG; start output
 see separate images of this page: <http://farbe.li.tu-berlin.de/ger3.htm>

Three, 5 and 9 colour steps for visual evaluation

0, 125, 250, 375, 500, 625, 750, 875, 1000
 Black N00w – Black N16w = White W

$$L^*_{TUBLOG,U} = 50 \log(Y / 5Y_U) + 50, Y_N=4, Y_U=20, Y_W=100$$



ger30-1n, Test samples: 3, 5 and 9 colour steps, greu=0.500, expu=1.000, expa=1.000

Three, 5 and 9 colour steps, numeric calculation example

0, 125, 250, 375, 500, 625, 750, 875, 1000
 Black N00w – Black N16w = White W

$$L^*_{TUBLOG,U} = 50 \log(Y / 5Y_U) + 50, Y_N=4, Y_U=20, Y_W=100$$

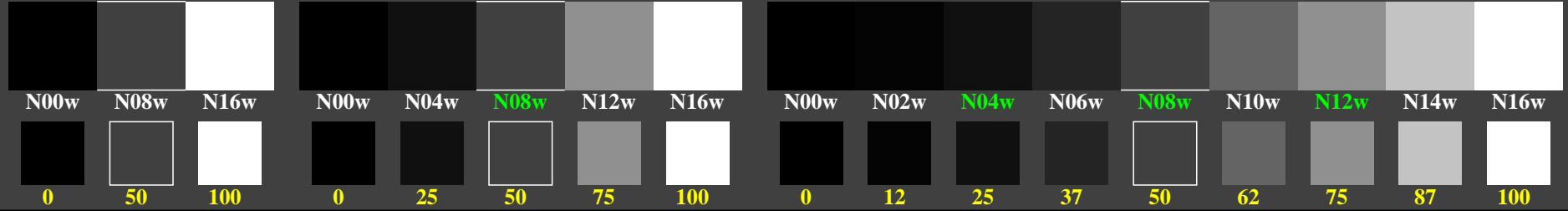
0,00 0,00	0,50 0,50	1,00 1,00	0,00 0,00	0,50 0,25	1,00 0,50	0,50 0,75	1,00 1,00	0,00 0,00	0,50 0,12	1,00 0,25	0,50 0,37	0,00 1,00	0,50 0,62	1,00 0,75	0,50 0,87	1,00 1,00
N00w	N08w	N16w	N00w	N04w	N08w	N12w	N16w	N00w	N02w	N04w	N06w	N08w	N10w	N12w	N14w	N16w
0,00 0,00	0,50 0,50	1,00 1,00	0,00 0,00	0,50 0,25	1,00 0,50	0,50 0,75	1,00 1,00	0,00 0,00	0,50 0,12	1,00 0,25	0,50 0,37	0,00 1,00	0,50 0,62	1,00 0,75	0,50 0,87	1,00 1,00
0	50	100	0	25	50	75	100	0	12	25	37	50	62	75	87	100

ger30-3n, Test samples: 3, 5 and 9 colour steps, greu=0.500, expu=1.000, expa=1.000

Three, 5 and 9 colour steps for visual evaluation

0, 15, 62, 140, 250, 390, 562, 765, 1000
 Black N00w – Black N16w = White W

$$L^*_{TUBLOG,U} = 50 \log(Y / 5Y_U) + 50, Y_N=4, Y_U=20, Y_W=100$$



ger30-5n, Test samples: 3, 5 and 9 colour steps, greu=0.500, expu=2.000, expa=2.000

Three, 5 and 9 colour steps, numeric calculation example

0, 125, 250, 375, 500, 625, 750, 875, 1000
 Black N00w – Black N16w = White W

$$L^*_{TUBLOG,U} = 50 \log(Y / 5Y_U) + 50, Y_N=4, Y_U=20, Y_W=100$$

0,00 0,00	0,50 0,50	1,00 1,00	0,00 0,00	0,50 0,25	1,00 0,50	0,50 0,75	1,00 1,00	0,00 0,00	0,50 0,12	1,00 0,25	0,50 0,37	0,00 1,00	0,50 0,62	1,00 0,75	0,50 0,87	1,00 1,00
N00w	N08w	N16w	N00w	N04w	N08w	N12w	N16w	N00w	N02w	N04w	N06w	N08w	N10w	N12w	N14w	N16w
0,00 0,00	0,50 0,50	1,00 1,00	0,00 0,00	0,50 0,25	1,00 0,50	0,50 0,75	1,00 1,00	0,00 0,00	0,50 0,12	1,00 0,25	0,50 0,37	0,00 1,00	0,50 0,62	1,00 0,75	0,50 0,87	1,00 1,00
0	50	100	0	25	50	75	100	0	12	25	37	50	62	75	87	100

ger30-7n, Test samples: 3, 5 and 9 colour steps, greu=0.500, expu=1.000, expa=1.000

TUB-test chart ger3; This is an example text for many applications

see similar files of the whole serie: <http://farbe.li.tu-berlin.de/ger3.htm>
 technical information: <http://farbe.li.tu-berlin.de> or <http://color.li.tu-berlin.de>

TUB registration: 20240701-ger3/ger310np.pdf / ps
 application for evaluation and measurement of display or print output
 TUB material: code=rh4ta