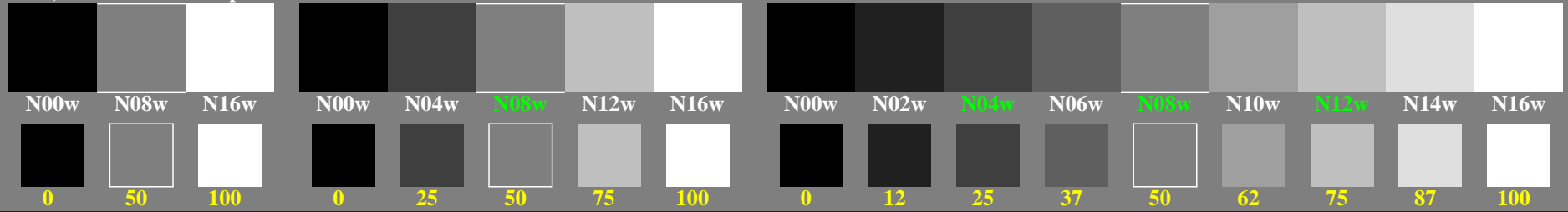


<http://farbe.li.tu-berlin.de/gex2/gex210na.txt> / .ps; only vector graphic VG; start output  
 see separate images of this page: <http://farbe.li.tu-berlin.de/gex2/gex2.htm>

Three, 5 and 9 colour steps for visual evaluation

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

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



gex20-1n, Test samples: 3, 5 and 9 colour steps, greu=0.500, expu=1.000, expa=1.000, indexLFI=20, IMR=FLVLF

Three, 5 and 9 colour steps, numeric calculation example

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

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

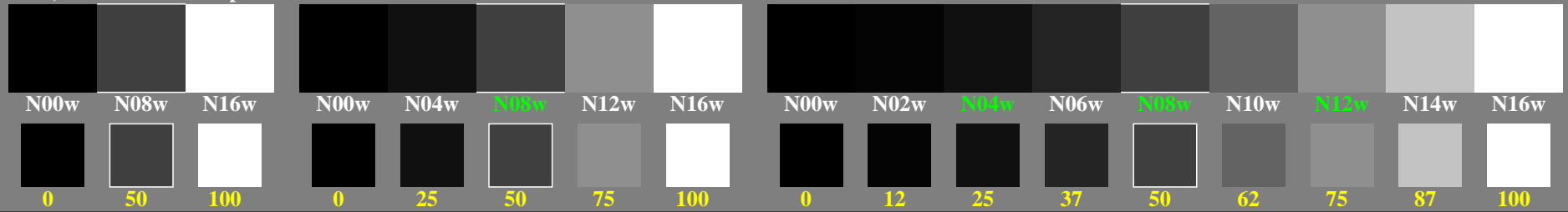
0,00 0,00	0,50 0,50	1,00 1,00	0,00 0,00	0,50 0,25	1,00 0,50	0,50 0,75	1,00 1,00	0,00 0,00	0,50 0,12	1,00 0,25	0,50 0,37	0,00 1,00	0,50 0,62	1,00 0,75	0,50 0,87	1,00 1,00
N00w	N08w	N16w	N00w	N04w	N08w	N12w	N16w	N00w	N02w	N04w	N06w	N08w	N10w	N12w	N14w	N16w
0	50	100	0	25	50	75	100	0	12	25	37	50	62	75	87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

gex20-3n, Test samples: 3, 5 and 9 colour steps, greu=0.500, expu=1.000, expa=1.000, indexLFI=20, IMR=FLVLF

Three, 5 and 9 colour steps for visual evaluation

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

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



gex20-5n, Test samples: 3, 5 and 9 colour steps, greu=0.500, expu=1.000, expa=2.000, indexLFI=20, IMR=FLVLF

Three, 5 and 9 colour steps, numeric calculation example

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

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

0,00 0,00	0,25 0,25	1,00 1,00	0,00 0,00	0,25 0,06	1,00 0,25	0,41 0,56	1,00 1,00	0,00 0,00	0,25 0,01	1,00 0,06	0,41 0,14	0,00 1,00	0,45 0,39	1,00 0,56	0,46 0,76	1,00 1,00
N00w	N08w	N16w	N00w	N04w	N08w	N12w	N16w	N00w	N02w	N04w	N06w	N08w	N10w	N12w	N14w	N16w
0	50	100	0	25	50	75	100	0	12	25	37	50	62	75	87	100

gex20-7n, Test samples: 3, 5 and 9 colour steps, greu=0.500, expu=1.000, expa=2.000, indexLFI=20, IMR=FLVLF

TUB-test chart gex2; Linearization code *IMR-000LF* and Gamma (76 lines) in (1/3/5/7)n  
 Gamma=1 (1/3)n, 2 (5/7)n; series N–W with 3/5/9 steps; U: (1/3/5/7/9)n=N(08/08/08/08)w

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

TUB registration: 20240801-gex2/gex210na.txt / .ps  
 application for evaluation and measurement of display or print output

TUB material: code=rh4ta