

<http://farbe.li.tu-berlin.de/gew3/gew3f0n1.txt> /ps; only vector graphic VG; start output  
 see separate images of this page: <http://farbe.li.tu-berlin.de/gew3/gew3.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

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



gew30-1a, Test samples: 3, 5 and 9 colour steps, gre=0,500, expa=1,000, expa=1,000, indexLF=7, IMR=000LF, indexGF=7, IMR=000GF

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

gew30-3a, Test samples: 3, 5 and 9 colour steps, gre=0,500, expa=1,000, expa=2,000, indexLF=7, IMR=000LF, indexGF=7, IMR=000GF

Three, 5 and 9 colour steps for visual evaluation

0, 353, 500, 612, 707, 790, 866, 935, 1000  
 Black N00w – Black N16w = White W

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



gew30-5a, Test samples: 3, 5 and 9 colour steps, gre=0,500, expa=1,000, expa=0,500, indexLF=7, IMR=000LF, indexGF=7, IMR=000GF

Three, 5 and 9 colour steps, numeric calculation example

0, 353, 500, 612, 707, 790, 866, 935, 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	0,70	1,00	0,00	0,70	1,00	0,54	1,00	0,00	0,70	1,00	0,54	1,00	0,52	1,00	0,51	1,00
0,00	0,70	1,00	0,00	0,50	0,70	0,86	1,00	0,00	0,35	0,50	0,61	0,70	0,79	0,86	0,93	1,00
N00w	N08w	N16w	N00w	N04w	N08w	N12w	N16w	N00w	N02w	N04w	N06w	N08w	N10w	N12w	N14w	N16w
0,00	0,70	1,00	0,00	0,70	1,00	0,54	1,00	0,00	0,70	1,00	0,54	1,00	0,52	1,00	0,51	1,00
0,00	0,70	1,00	0,00	0,50	0,70	0,86	1,00	0,00	0,35	0,50	0,61	0,70	0,79	0,86	0,93	1,00
0	50	100	0	25	50	75	100	0	12	25	37	50	62	75	87	100

gew30-7a, Test samples: 3, 5 and 9 colour steps, gre=0,500, expa=1,000, expa=0,500, indexLF=7, IMR=000LF, indexGF=7, IMR=000GF

TUB-test chart gew3; Linearization code *IMR=000LF* and Gamma (76 lines) in (1/3/5/7)n  
 invers 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/gew3.htm>  
 technical information: <http://farbe.li.tu-berlin.de> or <http://color.li.tu-berlin.de>

TUB registration: 20240801\_gew3/gew3f0n1.txt /ps  
 application for evaluation and measurement of display or print output

TUB material: code=rh4ta