a1=707, b1=499, b2=707, b3=865,

0	0000																		
353			353																
500		500																	
612			112																
707	707																		
790			83																
866		158																	
935			69																
1000	1000																		

0000, expi=2,00

							124												
					250														
							125												
				499															
							125												
					250														
							125												
				1000															

0000																			
							350												
					499														
							612												
707																			
							790												
					865														
							935												
1000																			

TEST

Three, 5 and 9 colour steps for visual evaluation

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

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

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

Three, 5 and 9 colour steps, numeric specification

0,00	0, . .	1,00	0,00	0, . .	1,00 0,00	0, . .	1,00	0,00	0, . .	1,00 0,00	0, . .	0,00 1,00	0, . .	1,00 0,00	0, . .	1,00
	e08			e04		e48			e02		e24		e46		e68	

Three, 5 and 9 colour steps, numeric calculation

0,00 0,00	e08=707 a1=e08	1,00 1,00	0,00 0,00	e04=707 b1=e04*a1	1,00 0,00 b2=a1	e48=542 b3=e48* (1−b2)+b2	1,00 1,00	0,00 0,00	e02=707 c1=e02*b1	1,00 0,00 c2=b1	c24=542 c3=e24* (b2−b1)+b1	0,00 1,00 c4=b2	e46=525 c5=e46* (b3−b2)+b2	1,00 0,00 c6=b3	e68=517 c7=e68* (1−b3)+b3	1,00 1,00

Three, 5 and 9 colour steps, numeric calculation example

0,00 0,000	0,70 0,707	1,00 1,000	0,00 0,000	0,70 0,500	1,00 0,00 0,707	0,54 0,866	1,00 1,000	0,00 0,000	0,70 0,353	1,00 0,00 0,500	0,54 0,612	0,00 1,00 0,707	0,52 0,790	1,00 0,00 0,866	0,51 0,935	1,00 1,000

Three, 5 and 9 colour steps, produced visual linearization

0, 350, 499, 612, 707, 790, 865, 935, 1000
Black N00w − Black N16w = White W

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

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

hed30-7n, Test samples: 3, 5 and 9 colour steps, greu=0,500, expu=1,000, expa=0,500, expi=2,000

TUB-test chart hed3; Separate grey samples for visual intervall scaling, evaluation of the series N−W with 3, 5 and 9 steps, output $(rgb^*)^{1,0}$ & experimental; surround mean Grey U=N08w