

see similar files of the whole serie: <http://farbe.li.tu-berlin.de/hee2/hee2l0np.pdf> or <http://color.li.tu-berlin.de>

TUB registration: 20241001-hee2/hee2l0np.pdf / .ps  
 application for evaluation and measurement of display or print output  
 TUB material: code=rh44a

0	0000				
353		353	0000, expi=2,00		
500	500			124	
612		112	250		
707	707			125	
790		83	499		
866	158			125	
935		69	250		
1000	1000			125	
			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

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



Three, 5 and 9 colour steps, numeric specification

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

Three, 5 and 9 colour steps, numeric calculation

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

Three, 5 and 9 colour steps, numeric calculation example

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

Three, 5 and 9 colour steps, produced visual linearization

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

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



hee20-7n, Test samples: 3, 5 and 9 colour steps, greu=0,500, expu=1,000, expa=0,500, expi=2,000

TUB-test chart hee2; Adjacent grey samples for visual intervall scaling, evaluation of the series N–W with 3, 5 and 9 steps, output (rgb\*)<sup>1,0</sup> & experimental; surround mean Grey U=N08w