http://farbe.li.tu-berlin.de/hed3/hed3l0n1.txt /.ps; only vector graphic VG; start output
see separate images of this page: http://farbe.li.tu-berlin.de/hed3/hed3.htm

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

TUB registration: 20241001-hed3/hed3l0n1.txt /.ps
application for evaluation and measurement of display or print output

TUB material: code=rha4ta

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

0	0000			0000, expi=2,00				0000			
353		353			124				350		
500			500			250				499	
612		112			125				612		
707	707			499				707			
790		83			125				790		
866			158			250			865		
935		69			125				935		
1000	1000			1000				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	1,00	0,00	1,00	0,00	0, . .	1,00	0,00	0, . .	1,00	0,00	0, . .	1,00
	e08			e04		0,00	0, . .			e02		0,00	e24		1,00	e46	
							e48					1,00			0,00		e68

Three, 5 and 9 colour steps, numeric calculation

0,00	e08=707	1,00	0,00	e04=707	1,00	0,00	e48=542	1,00	0,00	e02=707	1,00	0,00	c24=542	0,00	e46=525	1,00	0,00	e68=517	1,00
0,00	a1=e08	1,00	0,00	b1=e04*a1	b2=a1	0,00	b3=e48* (1−b2)+b2	1,00	0,00	c1=e02*b1	c2=b1	0,00	c3=e24* (b2−b1)+b1	1,00	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	0,00	0,54	1,00	0,00	0,70	1,00	0,00	0,54	0,00	0,52	1,00	0,00	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, 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

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