http://farbe.li.tu-berlin.de/hee3/hee3l0n1.txt /.ps; only vector graphic VG; start output
see separate images of this page: http://farbe.li.tu-berlin.de/hee3/hee3.htm

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

TUB registration: 20241001-hee3/hee3l0n1.txt /.ps
application for evaluation and measurement of display or print output

TUB material: code=rha4ta

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

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

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

Three, 5 and 9 colour steps, numeric calculation

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

Three, 5 and 9 colour steps, numeric calculation example

0,00	0,70	1,00	0,00	0,70	1,00			0,00	0,70	1,00		0,00	0,52	1,00				
					0,00	0,54	1,00			0,00	0,54	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, 125, 250, 375, 500, 625, 750, 875, 1000
Black N00w – Black N16w = White W

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

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

rha4ta, Test samples: 3, 5 and 9 colour steps, grey=0,500, expi=1,000, expa=0,500, expz=2,000

TUB-test chart hee3; 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