http://farbe.li.tu-berlin.de/hee3/hee3l0np.pdf /.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/hee3l0np.pdf /.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 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, 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

hee30-7n, Test samples: 3, 5 and 9 colour steps, greu=0,500, expu=1,000, expa=0,500, expi=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