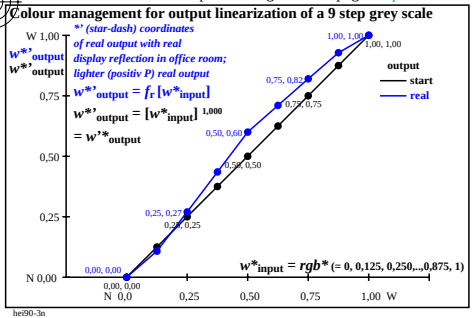
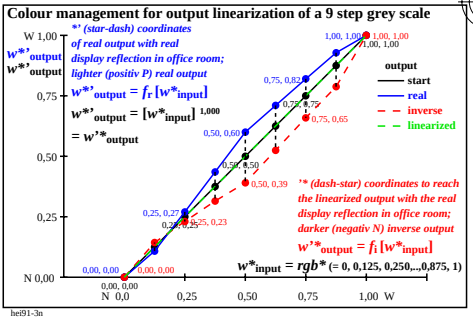
http://farbe.li.tu-berlin.de/hei9/hei9l0n1.txt /.ps; only vector graphic VG; start output
see separate images of this page: http://farbe.li.tu-berlin.de/hei9/hei9.htm

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

TUB registration: 20241001-hei9/hei9l0n1.txt /.ps
application for evaluation and measurement of display or print output

TUB material: code=rha4ta





Three, 5 and 9 colour steps for visual evaluation

s: 0, 125, 250, 375, 500, 625, 750, 875, 1000
Black N00c ~ Black N16c = Cyan C

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

N00c	N08c	N16c	N00c	N04c	N08c	N12c	N16c	N00c	N02c	N06c	N08c	N10c	N12c	N14c	N16c
0			0					0	12?	25?	37?	50?	62?	75?	100

Three, 5 and 9 colour steps, numeric specification

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

Three, 5 and 9 colour steps, numeric calculation example

0,00	0,60	1,00	0,00	0,45	1,00			0,00	0,40	1,00		0,00	0,50	1,00			
0,000	0,600	1,000	0,000	0,270	0,600	0,55	1,00			0,00	0,49	1,00		0,00	0,60	1,00	
0,000	0,390	1,000	0,000	0,230	0,390	0,820	1,000	0,000	0,108	0,270	0,435	0,600	0,710	0,820	0,928	1,000	
						0,658	1,000	0,000	0,143	0,230	0,314	0,390	0,524	0,658	0,787	1,000	

r: 0, 108, 270, 435, 600, 710, 820, 928, 1000
i: 0, 143, 230, 314, 390, 524, 658, 787, 1000

Three, 5 and 9 colour steps, produced visual linearization

Black N00c ~ Black N16c = Cyan C

$L^*_{TUBLOG,U}=[50/\log(5)]\ \log(\dot{Y}/\dot{Y}_U)+50,\ \dot{Y}_N=4,\ \dot{Y}_U=20,\ \dot{Y}_W=100$

N00c	N08c	N16c	N00c	N04c	N08c	N12c	N16c	N00c	N02c	N06c	N08c	N10c	N12c	N14c	N16c

hei9n.3n.Test:samples:3,5,9;and 9 colour steps: zero=0,500, repeat=1,000, repar=1,000, exter=1,000

TUB-test chart hei9; separate grey samples for visual intervall scaling, evaluation of the series
N_C with 3, 5 and 9 steps, output $(rgb^*)^{1,0}$ & experimental; surround mean Grey U=N08w