

<http://farbe.li.tu-berlin.de/hez9/hez9l0na.txt> / .ps; only vector graphic VG; start output
 see separate images of this page: <http://farbe.li.tu-berlin.de/hez9/hez9.htm>

see similar files of the whole serie: <http://farbe.li.tu-berlin.de/hez9.htm>
 technical information: <http://farbe.li.tu-berlin.de> or <http://color.li.tu-berlin.de>

TUB registration: 20241201-hez9/hez9l0na.txt / .ps
 application for evaluation and measurement of display or print output
 TUB material: code=rhata4ta

x3=s0*0, y3=s0=6.67 xw:yw=3:2=28,0cm:18,7cm, s0=2,8 cm, scale=0,425 x2=s0*10, y2=s0*6.67

x3u=0+s0/4, y3u=s0*6/67-s0/4 9 step series ... x2u=s0*10-s0/4, y2u=s0*6.67-s0/4

ix0=s0*1 iy0=s0*5.67									ix0=s0*9 iy0=s0*5.67
9 step series ...									
ix0=s0*1 iy0=s0*4.67									ix0=s0*9 iy0=s0*4.67
0,00	c1=0,12	c2=0,25	c3=0,37	c4=0,50	c5=0,62	c6=0,75	c7=0,87	1,00	

calculation with visual experimental (e) data adjusted above
 $a_1=e_{08}, b_1=e_{04}*a_1, b_3=e_{48}(1-b_2)+b_2, c_2=b_1, c_4=b_2, c_6=b_3$
 $c_1=e_{02}*b_1, c_3=e_{24}(b_2-b_2)+b_1, c_5=e_{46}(b_3-b_2)+b_2, c_7=e_{68}(1-b_3)+b_3$

+0,04	+0,04	+0,04	+0,04	+0,04	+0,04	+0,04	+0,04	+0,04	-0,04
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save 7 data above as text
save 9 data below as text

ix0=s0*1 iy0=s0*2.20									ix0=s0*9 iy0=s0*2.20
0,00	c1=0,12	c2=0,25	c3=0,37	c4=0,50	c5=0,62	c6=0,75	c7=0,87	1,00	

grey example difference visible?
 ix0=s0*3
 iy0=s0*0.85

0,25 +0,06 adjust threshold
 0,25 +0,00 no change

adjust and proof threshold of the linearized output
restart with image 1
x1u=s0*10-s0/4, y1u=s0/4

x0u=0+s0/4, y0u=s0/4 x0=s0*0, y0=s0*0 x1=s0*10, y1=s0*0

hp90-7n, image 4, adjust visual threshold (+0,047) of 9 steps; all equal!

TUB-test chart hez9; Adjacent and separated colours, layout scale=0,425
 Output linearization and thresholds for the 9 step equally spaced colour series Black N – White W