http://farbe.li.tu-berlin.de/hez5/hez5l0na.txt /.ps; only vector graphic VG; start output

see separate images of this page: http://farbe.li.tu-berlin.de/hez5/hez5l.htm

xw;yw=3;2=28,0cm;18,7cm; s0=2,8cm, scale=0,9

x3=s0*10−s0/4, y3=s0*6.67−s0/4 **x2=s0*10−s0/4, y2=s0*6.67−s0/4**

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 **c_1=0,12** **c_2=0,25** **c_3=0,37** **c_4=0,50** **c_5=0,62** **c_6=0,75** **c_7=0,87** **1,00**

calculation with visual experimental (e) data adjusted above

$a_1=e_{08}$, $b_1=e_{04}*a_1$, $b_3=e_{48}(1-b_2)+b_2$, $c_2=b_1$, $c_4=b_2$, $c_6=b_3$

$c_1=e_{02}*b_1$, $c_3=e_{24}(b_2-b_2)+b_1$, $c_5=e_{46}(b_3-b_2)+b_2$, $c_7=e_{68}(1-b_3)+b_3$

save 7 data above as text

save 9 data below as text

+0,04 **+0,04** **+0,04** **+0,04** **+0,04** **+0,04** **+0,04** **+0,04** **−0,04**

ix0=s0*1
iy0=s0*2.20

ix0=s0*9
iy0=s0*2.20

0,00 **c_1=0,12** **c_2=0,25** **c_3=0,37** **c_4=0,50** **c_5=0,62** **c_6=0,75** **c_7=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

x0u=0+s0/4, y0u=s0/4 **x1u=s0*10−s0/4, y1u=s0/4**

x0=s0*0 y0=s0*0 **x1=s0*10 y1=s0*0**

technical information: http://farbe.li.tu-berlin.de or http://color.li.tu-berlin.de

see similar files of the whole serie: http://farbe.li.tu-berlin.de/hezs.htm

TUB registration: 20241201-hez5/hez5l0na.txt /.ps
application for evaluation and measurement of display or print output

TUB material: code=rha4ta

TUB-test chart hez5; Adjacent and separated colours, layout scale=1,00
Output linearization and thresholds for the 9 step equally spaced colour series Black N − White W

hez50_7n, in
(0,04) to (0,96) in 12