

$\log(Y/\Delta Y)$

IECsRGBu5

Normfarbwertkontrast

$Y_{nc}=Y_{wRGBnc}=100, 21, 72, 7$

$C_r=(Y/\Delta Y)$

2 100

$t^*_{IECsRGBu5}=50(Y/Y_u)^{1/2,4} (Y_u=18, Y_{nc}/100 < Y \leq Y_{nc})$

$\log(Y/dY) = -\log[2,4(Y_u/50)] + (1/2,4) \log(Y/Y_u)$

$= -(1/2,4) \log[2,4(Y_u/50)] + (1/2,4) \log(Y)$

1 10

$t^*_u=50, dY_u=4,80, Y_u/dY_u=1$

$\log(Y/dY)=0,57, m_u=0,41$

0 1

$(Y/dY)_{90}=7,33, \gamma=2,4, 1/\gamma=1/2,4=0,41$

$(Y/dY)_{18}=3,74, S_n=50,00, D_n=-0,00$

$(Y/dY)_{3,6}=1,92, Y_u=18, dY_u=4,80$

Anwendungsbereich

0,1

1

10

100

$Y_u=18$

Y

-1

0

1

2

$Y_N=3,6$

$Y_W=90$

$\log(Y)$