

$\log(Y/\Delta Y)$

IECsRGBu8

tristimulus value contrast

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

$C_r=(Y/\Delta Y)$

2 100

$t^*_{IECsRGBu8}=50(Y/Y_u)^{1/1,6} (Y_u=18, Y_{nc}/100 < Y \leq Y_{nc})$

$\log(Y/dY) = -\log[1,6(Y_u/50)] + (1/1,6) \log(Y/Y_u)$

$= -(1/1,6) \log[1,6(Y_u/50)] + (1/1,6) \log(Y)$

1 10

$t^*_u=50, dY_u=3,20, Y_u/dY_u=5$

$\log(Y/dY)=0,75, m_u=0,62$

0 1

$(Y/dY)_{90}=15,38, \gamma=1,6, 1/\gamma=1/1,6=0,62$

$(Y/dY)_{18}=5,62, S_n=50,00, D_n=-0,00$

$(Y/dY)_{3,6}=2,06, Y_u=18, dY_u=3,20$

application
range

0,1

1

10

100

$Y_u=18$

Y

$Y_N=3,6$

1

10

100

$Y_W=90$

2

$\log(Y)$