

$\log(Y/\Delta Y)$

IECsRGBu2

tristimulus value contrast

$Y_{nc}=Y_W \textcolor{red}{R} \textcolor{blue}{G} \textcolor{green}{B}_{nc}=100, 21, 72, 7$

$$C_r = (Y/\Delta Y)$$

2
100

$$l^*_{IECsRGBu2} = 50(Y/Y_u)^{1/2,0} \quad (Y_u=18, Y_{nc}/100 < Y \leq Y_{nc})$$

$$\begin{aligned} \log(Y/dY) &= -\log[2,0(Y_u/50)] + (1/2,0) \log(Y/Y_u) \\ &= -(1/2,0) \log[2,0(Y_u/50)] + (1/2,0) \log(Y) \end{aligned}$$

1
10

$$l^*_{u}=50, dY_u=4,00, Y_u/dY_u=4$$

$$\log(Y/dY)=0,65, m_u=0,50$$

0
-1

$$(Y/dY)_{90}=10,50, \gamma=2,0, 1/\gamma=1/2,0=0,50$$

$$(Y/dY)_{18}=4,50, S_n=50,00, D_n=-0,00$$

$$(Y/dY)_{3,6}=2,01, Y_u=18, dY_u=4,00$$

application range

0,1

1

10

1

$Y_u=18 \ 100 \ Y$

-1
-2