

$\log (\Delta Y/Y)$

IECsRGBu2

tristimulus value sensitivity

$Y_{nc}=L^*_{wRGBnc}=100, 52, 87, 31$

$S_r=(\Delta Y/Y)$

2 100

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

$\log(dY/Y) = \log[2,0(Y_u/50)] - (1/2,0) \log(Y/Y_u)$

$= (1/2,0) \log[2,0(Y_u/50)] - (1/2,0) \log(Y)$

1 10

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

$L^*_u=50, dY_u=4,00, dY_u/Y_u=0,2222$

application
range

0 1

$(dY/Y)_{90}=0,0993, \gamma=2,0, 1/\gamma=1/2,0, \Gamma=0,50$

$(dY/Y)_{18}=0,2222, S_n=50,00, D_n=-0,00$

$(dY/Y)_{3,6}=0,4957, Y_u=18, dY_u=4,00$

0,1

1

10

100

$Y_u=18$

Y

-1

0

1

2

$Y_N=3,6$

$Y_W=90$

$\log(Y)$