

$\log (\Delta Y/Y)$

IECsRGBu4

tristimulus value sensitivity

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

$S_r=(\Delta Y/Y)$

2-100

$L^*_{IECsRGBu4}=50(Y/Y_u)^{1/1,2} (Y_u=18, Y_{nc}/100<Y\leq Y_{nc})$

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

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

1-10

$\log(dY/Y)=-0,87, m_u=-0,83$

$L^*_u=50, dY_u=2,40, dY_u/Y_u=0,1333$

application
range

