

$\log (\Delta Y/Y)$

IECsRGBu3

tristimulus value sensitivity

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

$S_r=(\Delta Y/Y)$

2-100

$L^*_{IECsRGBu3}=50(Y/Y_u)^{1/1,6} (Y_u=18, Y_{nc}/100 < Y \leq Y_{nc})$

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

1-10

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

application
range

0-1 $L^*_u=50, dY_u=3,20, dY_u/Y_u=0,1777$

