

$\log(\Delta Y/Y)$

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

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

0-1

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

$(dY/Y)_{90} = 0,0348, \gamma = 1,2, 1/\gamma = 1/1,2 = 0,83$

$(dY/Y)_{18} = 0,1333, S_n = 50,00, D_n = -0,00$

$(dY/Y)_{3,6} = 0,5091, Y_u = 18, dY_u = 2,40$

application  
range

