

$\log(\Delta Y/Y)$

IECsRGBu7

tristimulus value sensitivity

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

$S_r = (\Delta Y/Y)$

2 100

$T^*_{IECsRGBu7} = 50 (Y/Y_u)^{1/2,0} \quad (Y_u = 18, Y_{nc}/100 < Y \leq Y_{nc})$

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

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

1 10

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

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

application
range

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

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

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

0,1

1

10

100

$Y_u = 18$

Y

-1

0

1

2

$Y_N = 3,6$ $Y_W = 90$ $\log(Y)$