

$\log(Y/\Delta Y)$

IECsRGBu2

tristimulus value contrast

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

$C_r = (Y/\Delta Y)$

2 100

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

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

1 10

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

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

0 1

$(Y/dY)_{90} = 10,50, \gamma = 2,0, 1/\gamma = 1/2,0 = 0,50$

$(Y/dY)_{18} = 4,50, S_n = 50,00, D_n = -0,00$

$(Y/dY)_{3,6} = 2,01, Y_u = 18, dY_u = 4,00$

application
range

0,1

1

10

100

$Y_u = 18$

Y

-1

0

1

2

$Y_N = 3,6$

$Y_W = 90$

$\log(Y)$