

$\log [(Y/\Delta Y) / (Y/\Delta Y)_u]$

IECsRGBu4 relative
tistimulus value contrast

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

$$C_r/C_{ru} = (Y/\Delta Y) / (Y/\Delta Y)_u$$

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

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

2
100

$$(Y/dY)_{90} / (Y/dY)_u = 3,82, \gamma = 1,2, 1/\gamma = 1/1,2 = 0,83$$

$$(Y/dY)_{18} / (Y/dY)_u = 1,00, S_n = 50,00, D_n = -0,00$$

$$(Y/dY)_{3,6} / (Y/dY)_u = 0,26, Y_u = 18, dY_u = 2,40$$

$$\log[(Y/dY)/(Y/dY)_u] = 0, m_u = 0,83$$

$$L^*_u = 50, dY_u = 2,40, Y_u/dY_u = 7$$

application
range

