

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

CIE LABu0 relative
tistimulus value contrast

$$C_r/C_{ru} = (Y/\Delta Y) / (Y/\Delta Y)_u \quad Y_{nc} = L^*_{wRGBnc} = 100, 52, 87, 31$$

$$L^*_{CIE LABu0} = 66 (Y/Y_u)^{1/3,0} - 16 \quad (Y_u = 18, Y_{nc}/100 < Y \leq Y_{nc})$$

$$\log[(Y/dY)/(Y/dY)_u] = (1/3,0) \log(Y/Y_u)$$

2
100

$$(Y/dY)_{90}/(Y/dY)_u = 1,70, \gamma = 3,0, 1/\gamma = 1/3,0 = 0,33$$

$$(Y/dY)_{18}/(Y/dY)_u = 1,00, S_n = 65,49, D_n = -15,49$$

$$(Y/dY)_{3,6}/(Y/dY)_u = 0,58, Y_u = 18, dY_u = 4,58$$

1
10

$$\log[(Y/dY)/(Y/dY)_u] = 0, m_u = 0,33$$

$$L^*_u = 50, dY_u = 4,58, Y_u/dY_u = 2$$

application
range

