

$$\log \left[\frac{(Y/\Delta Y)}{(Y/\Delta Y)_u} \right]$$

IECsRGBu0 relative
tistimulus value contrast

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

2
100

$$L^*_{IECsRGBu0} = 50 (Y/Y_u)^{1/2,4} \quad (Y_u = 18, Y_{nc}/100 < Y \leq Y_{nc})$$

$$\log[(Y/dY)/(Y/dY)_u] = (1/2,4) \log(Y/Y_u)$$

1
10

0
-1

$$\log[(Y/dY)/(Y/dY)_u] = 0, m_u = 0,41$$

$$L^*_u = 50, dY_u = 4,80, Y_u/dY_u = 3$$

application
range

