

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

IECsRGBu9 relative
tistimulus value contrast

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

2 100

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

$$T^*_{IECsRGBu9} = 50 (Y/Y_u)^{1/1,2} \quad (Y_u = 18, Y_{nc}/100 < Y \leq Y_{nc})$$

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

1 10

0 1 $\log[(Y/dY)/(Y/dY)_u] = 0, m_u = 0,83$

$$T^*_u = 50, dY_u = 2,40, Y_u/dY_u = 1$$

application
range

0,1
-1
-2

1 10 100 Y
1 2
 $Y_u = 18$
 $Y_N = 3,6$ $Y_W = 90$

$\log(Y)$