

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

IECsRGBu8 relative
tistimulus value contrast

$$C_r/C_{ru} = (Y/\Delta Y)/(Y/\Delta Y)_u \quad Y_{nc} = Y_W \text{RGB}_{nc} = 100, 21, 72, 7$$

2-100

$$t^*_{IECsRGBu8} = 50(Y/Y_u)^{1/1,6} \quad (Y_u=18, Y_{nc}/100 < Y \leq Y_{nc})$$

$$\log[(Y/dY)/(Y/dY)_u] = (1/1,6) \log(Y/Y_u)$$

1-10

0-1

$$\log[(Y/dY)/(Y/dY)_u] = 0, m_u = 0,62$$

$$t^*_{u}=50, dY_u=3,20 \quad Y_u/dY_u=5$$

application
range

-2 -1 0 1 10 100

BEW80-8A

$Y_u=18 \quad Y_W=90 \quad Y$

log(Y)