

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

IECsRGBu8 relative
tistimulus value sensitivity

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

2-100

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

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

1-10

0-1

application range

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

$$f^*_{u}=50, dY_u=3,20, dY_u/Y_u=0,1777$$

