

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

IECsRGBu7 relative  
tistimulus value sensitivity

$Y_{nc}=Y_{WRGBnc}=100, 21, 72, 7$

$S_r/S_{ru}=(\Delta Y/Y)/(\Delta Y/Y)_u$

2 100

$t^*_{IECsRGBu7}=50 (Y/Y_u)^{1/2,0} (Y_u=18, Y_{nc}/100 < Y \leq Y_{nc})$

$\log[(dY/Y)/(dY/Y)_u] = - (1/2,0) \log(Y/Y_u)$

1 10

0 1

$\log[(dY/Y)/(dY/Y)_u]=0, m_u=-0,43$

$t^*_u=50, dY_u=4,00, dY_u/Y_u=0,2222$

application  
range

0,1

1

10

100

$Y_u=18$

Y

-1

0

1

2

$\log(Y)$

$Y_N=3,6$

$Y_W=90$