

$\log (\Delta Y/Y)$

IECsRGBu2

tristimulus value sensitivity

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

2-100

$L^*_{IECsRGBu2}=50(Y/Y_u)^{1/2,0} (Y_u=18, Y_{nc}/100 < Y \leq Y_{nc})$

$\log(dY/Y) = \log[2,0(Y_u/50)] - (1/2,0) \log(Y/Y_u)$
 $= (1/2,0) \log[2,0(Y_u/50)] - (1/2,0) \log(Y)$

1-10

$\log(dY/Y)=-0,65, m_u=-0,50$

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

application
range

0-1

0,1

1

10

$Y_u=18$

100

Y

-1

0

1

$Y_N=3,6$

$Y_W=90$

2

$\log(Y)$