

$\log(Y/\Delta Y)$

IECsRGBu1

tristimulus value contrast

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

$C_r=(Y/\Delta Y)$

2 100

$l^*_{IECsRGBu1}=50(Y/Y_u)^{1/2,4}(Y_u=18, Y_{nc}/100 < Y \leq Y_{nc})$

$\log(Y/dY) = -\log[2,4(Y_u/50)] + (1/2,4) \log(Y/Y_u)$

$= -(1/2,4) \log[2,4(Y_u/50)] + (1/2,4) \log(Y)$

1 10

$l^*_u=50, dY_u=4,80, Y_u/dY_u=3$

$\log(Y/dY)=0,57, m_u=0,41$

0 1

application
range

0,1

1

10

100

$Y_u=18$

Y

-1

0

1

2

$Y_N=3,6$

$Y_W=90$

$\log(Y)$