

$\log(\Delta Y/Y)$

$\log(C_r) \quad C_r = (\Delta Y/Y)$

IECsRGB-

tristimulus value sensitivity

1

$$L^*_{\text{IECsRGB}} = s(Y/Y_u)^{1/2,4} \quad (s=50, Y_u=18, 1/255 < Y < 100)$$

IECsRGB-tristimulus value sensitivity

$$\log[(dY/Y = \log(2,4(Y_u^{1/2,4})/100) - (1/2,4) \log(Y))]$$

0

application range

-1

$$\log(dY/Y) = -1,30, m_u = -0,41$$

$$Y_u = 18, dY_u = 0,90, dY_u/Y_u = 0,0480$$

-2

0,1  
-1

1  
0

$Y_N = 4$

10

$Y_u = 18$

100

2  
 $\log(Y)$