

$\log(Y/\Delta Y)$

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

IECsRGB-

tristimulus value contrast

$$(s=50, Y_u=1,4, 1/255 < Y < 7)$$

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

IECsRGB-tristimulus value contrast

$$\begin{aligned}\log(Y/dY) &= \log[(1/2,4) (100/Y_n)] + (1/2,4) \log(Y/Y_n) \\ &= \log[(1/2,4) 100/(Y_n^{1/2,4})] + (1/2,4) \log(Y)\end{aligned}$$

$$L^*_u=50, Y_u=18, dY_u=0,90, Y_u/dY_u=20$$

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

application  
range

