

$\log(\Delta Y/\Delta Y_u)$

relative IECsRGB–tristimulus value dif

$\Delta Y/\Delta Y_u$

$$L^*_{IECsRGB} = 100 (Y/Y_u)^{1/2,4}$$

relative IECsRGB–tristimulus value difference

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

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

$$\log[(dY)/(dY_u)]=0, m_u=0,58$$

application  
range

