

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

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CIE tristimulus value difference
 ΔY normalized to ΔY_u

$$L^* = (t/a) \ln [1 + b (Y/Y_u)]$$

$$a=0.3411 \quad t=88.23 \quad t/a=258.6 \quad b=a \cdot Y_u=6.14$$

relative tristimulus value Y difference

$$\log(dY/dY_u) = \log [(1+b \cdot (Y/Y_u)) / t] - \log [(1+b) / t]$$

$$Y_u=18, dY_u=0.08, dY_u/Y_u=0.004$$

$$\log[(dY)/(dY_u)]=0, m_u=0.86$$

