

relative CIELAB-
tristimulus value difference $\Delta Y/\Delta Y_{\text{II}}$

2+100

$$L^*_{\text{CIE LAB}} = 116 (Y/Y_n)^{1/3} - 16$$

relative CIELAB-tristimulus value difference

$$\begin{aligned}\log(dY) &= \log(3(Y_n/116)) + (2/3)\log(Y/Y_n) \\ &= \log(3(Y_n^{1/3})/116) + (2/3)\log(Y)\end{aligned}$$

$$Y_{II}=18, dY_{II}=0,83, dY_{II}/Y_{II}=0,0454$$

$$\log[(dY)/(dY_u)]=0, m_u=0,66$$

**application
range**

$$Y_N=4$$

10

$$Y_{11} = 1$$

100 V

V

100

log(Y)