

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

CIE tristimulus value difference  
 $\Delta Y$  normalized to  $\Delta Y_u$

for LABJND and **CIEDE2000**

$$L^* = 116 (Y/Y_n)^{1/3} - 16$$

tristimulus value difference according to **CIEDE2000**

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

