

$\log(\Delta Y/\Delta Y_u)$  CIE tristimulus value difference

$\Delta Y/\Delta Y_u$   $\Delta Y$  normalized to  $\Delta Y_u$

$$100L^* = 116 \left( \frac{Y}{Y_n} \right)^{1/3} - 16 \quad (Y_n=100, 1 \leq Y \leq 100) \quad [1d]$$

$$dY = \left( \frac{3}{116} \right) \cdot \left( \frac{Y}{Y_n} \right)^{2/3} \quad [2d]$$

$$dY = a \cdot \left( \frac{Y}{Y_n} \right)^{2/3} \quad [3d]$$

$$dY = b \cdot \left( \frac{Y}{Y_u} \right)^{2/3} \quad [4d]$$

$$a = 0,557 \quad b = 3,826 \quad [5d]$$

