

ΔY

CIE tristimulus value difference ΔY

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

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

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

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

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

