

$\Delta Y / \Delta Y_u$

CIE tristimulus value difference

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

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

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

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

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

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

