

$\Delta Y / \Delta Y_u$

CIE tristimulus value difference

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

$$L^* = 100 (Y/Y_n)^{1/2,4} \quad (Y_n=100, Y_u=18, 1 \leq Y \leq 100) \quad [1d]$$

$$dY = (2,4 \cdot Y_n/100)(Y/Y_n)^{1,4/2,4} \quad [2d]$$

$$dY_u = 2,4(Y_u/Y_n)^{1,4/2,4} \quad [3d]$$

$$dY/dY_u = (Y/Y_u)^{1,4/2,4} \quad [4d]$$

$$\log(dY/dY_u) = (1,4/2,4) \log(Y/Y_u) \quad [5d]$$

[1d]

[2d]

[3d]

[4d]

[5d]

