

$\Delta Y / \Delta Y_u$

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HAULAB tristimulus value difference
 ΔY normalized to ΔY_u

$$L^* = s(Y/Y_n)^n - d \quad (Y_n=100, Y_u=39, s=137.2, n=0.31, d=52.8) [1a]$$

$$L^* = r(Y/Y_u)^n - d \quad (r = s(Y_u/Y_n)^n = 80.63, L^*_u = r-d = 27.7) [1b]$$

$$dY = [Y_n / (n s)] (Y / Y_n)^{1-n} \quad [2c]$$

$$dY_u = [Y_n / (n s)] (Y_u / Y_n)^{1-n} = 1.3815 \quad [2d]$$

$$dY / dY_u = (Y / Y_u)^{1-n} \quad [2e]$$

