

$\log[(Y/\Delta Y) / (Y/\Delta Y)_u]$

**TUBsRGB-Y-Kontrast
normiert für $(Y/\Delta Y)_u$**

$C_r/C_{ru}=(Y/\Delta Y)/(Y/\Delta Y)_u$

$100 L^* = s (Y/Y_n)^n - d \quad (Y_n=100, Y_u=18, s=100, n=1/\ln(10), d=0)$ [1a]

$L^* = r (Y/Y_u)^n - d \quad (r = s (Y_u/Y_n)^n = 47,48, L^*_u = r - d)$ [1b]

$Y/dY = Y / \{ [(Y_n / (n s))] (Y / Y_n)^{1-n} \}$ [4c]

$(Y/Y)_u = Y_u / \{ [(Y_n / (n s))] (Y_u / Y_n)^{1-n} \}$ [4d]

$10 (Y/dY) / (Y/dY)_u = (Y/Y_u)^n$ [4e]

$\log [(Y/dY) / (Y/dY)_u] = (n) \log(Y/Y_u)$ [4f]

