log (ΔY/ΔYᵤ)   **IECsRGB-Normfarbwertdifferenz**

$\Delta Y/\Delta Y_u$ ΔY normiert für ΔY_u

$L^* = s \, (Y/Y_n)^n - d$ ($Y_n=100$, $Y_u=18$, $s=100$, $n=1/2,4$, $d=0$)   **[1a]**

$L^* = r \, (Y/Y_n)^n - d$ ($r = s \, (Y_u/Y_n)^n = 48,94$, $L^*_u = r - d$)   **[1b]**

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

$dY_u = [Y_n / (n \, s)] \, (Y_u/Y_n)^{1-n} = 1,1746$ **[2d]**

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

$\log(dY/dY_u) = (1-n) \log(Y/Y_u)$ **[2f]**

0,421

$m_{nu} = 1-n = 0,583$

$m_u = 0,583$

Anwendungs- bereich

0,1   **−0,745**   **10** $Y_u = 18$ **100**

log Y

hgo50−2a