CIELAB-Normfarbwertdifferenz

log $(\Delta Y/\Delta Y_u)$

ΔY normiert für ΔY_u

$\Delta Y/\Delta Y_u$

$L^* = s\,(Y/Y_n)^n - d$ $(Y_n=100, Y_u=18, s=116, n=1/3, d=16)$ **[1a]**

$L^* = r\,(Y/Y_n)^n - d$ $(r = s\,(Y_u/Y_n)^n = 65{,}49, L^*_u = r - d)$ **[1b]**

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

$dY_u = [Y_n/(\,n\,s\,)]\,(Y_u/Y_n)^{1-n} = 1{,}4602$ **[2d]**

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

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

$m_{nu} = 1-n = 0{,}666$

$m_u = 0{,}666$

Anwendungs-bereich

hgo30−2a