

L^*/L^*_u

TUBsRGB lightness L^* normalized to the background lightness L^*_u

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

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

$L^*/L^*_u = (Y/Y_u)^{1/\ln(10)}$ ($\ln(x) = \ln(10) \log(x)$) [1c]

