

L^*/L^*_u

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

$$L^* = s(Y/Y_n)^n - d \quad (Y_n=100, Y_u=18, s=116,0, n=1/3, d=16,0) \quad [1a]$$

$$L^* = r(Y/Y_u)^n - d \quad (r = s(Y_u/Y_n)^n = 65,49, L^*_u = r - d = 49,4) \quad [1b]$$

$$L^*/L^*_u = g(Y/Y_u)^n - h \quad (g = r/(r-d) = 1,32, h = d/(r-d) = 0,32) \quad [1c]$$

