

$L^*_{80}/L^*_{80,u}$
 $L^*/L^*_{80,u}$

HAULAB lightness L^*_{80} normalized to the background lightness $L^*_{80,u}$

$L^* = s(Y/Y_u)^n - d$ ($Y_n=100, Y_u=19, s=137,2, n=0,31, d=33,1$) [1a]
 $L^* = r(Y/Y_u)^n - d$ ($r = s(Y_u/Y_n)^n = 80,63, L^*_u = r - d = 47,5$) [1b]

