

$\log(l^*/l_u^*)$

CIELABu0 relative standard lightness l^*/l_u^*

$$Y_{nc} = Y_W \mathbf{RGB}_{nc} = 100, \mathbf{21, 72, 7}$$

$$l_{CIELABu0}^* = 66(Y/Y_u)^{1/3,0} - 16 \quad (Y_u = 18, Y_{nc}/100 < Y \leq Y_{nc})$$

$$l_N^*(3,6) = 23, l_u^*(18) = 50, l_W^*(90) = 97$$

