

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

CIELABn0 relative standard lightness l^*/l_n^*

$Y_{nc}=Y_W$ **R** **G** **B** $nc=100, 21, 72, 7$

l^*/l_u^*
2 100

$l_{CIELABn0}^*=116(Y/Y_n)^{1/3,0}-16$ ($Y_n=100, Y_{nc}/100<Y\leq Y_{nc}$)

$l_{N(3,6)}^*=23, l_u^*(18)=50, l_{W(90)}^*=96$

1 10

$l_{90}^*/l_u^*=1,93, \gamma=3,0, 1/\gamma=1/3,0=0,33$

$l_{18}^*/l_u^*=1,00, S_n=115,49, D_n=-15,49$

$l_{3,6}^*/l_u^*=0,45, l_n^*=49,71, Y_n=18$

0 1

$\log[l^*/l_u^*]=0, m_u=0,43$

$L_u^*=49, l_u^*=50$

application
range

