

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

LABJNDu0 relative standard lightness l^*/l_u^*

$Y_{nc}=Y_{wRGBnc}=100, 21, 72, 7$

l^*/l_u^*

2 100

$l_{LABJNDu0}^* = \ln(A_{1n} + A_{2n}Y)/(A_{2n}A_{0n}) \quad (Y_{nc}/100 < Y \leq Y_{nc})$

$l_{LABJNDu0}^* = \ln(A_{1n} + A_{2n}x)/(A_{2n}A_{0n}) \quad (x = Y/Y_u)$

$l_N^*(3,6)=219, l_u^*(18)=498, l_w^*(90)=776$

1 10

$l_{90}^*/l_u^*=1,55, A_{0n}=1,0, A_{2u}=0,1044, c_x=1,00$

$l_{18}^*/l_u^*=1,00, A_{1n}=0,017, A_{2n}=0,0058$

$l_{3,6}^*/l_u^*=0,43, l_u^*=498,34, Y_u=18$

0 1 $\log[l^*/l_u^*]=0, m_u=0,33$

$L_u^*=49, l_u^*=498$

application
range

