

L^*/L_u^* CIELABu3 relative standard lightness L^*/L_u^* $Y_{nc}=L^*_wRGB_{nc}=100, 52, 87, 31$ L^*/L_u^*

2 100

 $L^*_{CIELABu3}=50(Y/Y_u)^{1/2,0}+1$ ($Y_u=18, Y_{nc}/100 < Y \leq Y_{nc}$) $L^*_N(3,6)=23, L^*_u(18)=50, L^*_w(90)=111$

1 10

0 1

 $\log[L^*/L_u^*]=0, m_u=0,49$ $L^*_u=49, L^*_u=50$

application range

