

L^*/L_u^* CIE LABn2 relative standard lightness L^*/L_n^* $Y_{nc}=L^*_wRGB_{nc}=100, 52, 87, 31$ L^*/L_u^*

2 100

 $L^*_{CIE LABn2}=109(Y/Y_n)^{1/2,5}-9$ ($Y_n=100, Y_{nc}/100 < Y \leq Y_{nc}$) $L^*_{N(3,6)}=20, L^*_u(18)=46, L^*_w(90)=96$

1 10

 $L^*_{90}/L^*_u=2,06, \gamma=2,5, 1/\gamma=1/2,5=0,40$ $L^*_{18}/L^*_u=1,00, S_n=108,42, D_n=-8,42$ $L^*_{3,6}/L^*_u=0,43, L^*_n=46,18, Y_n=18$

0 1

 $\log[L^*/L_u^*]=0, m_u=0,47$ $L^*_u=49, L^*_u=46$

application range

