

L^*/L_u^* IECsRGBu3 relative standard lightness L^*/L_u^* $Y_{nc}=L^*_wRGB_{nc}=100, 52, 87, 31$ L^*/L_u^*

2 100

 $L^*_{IECsRGBu3}=50(Y/Y_u)^{1/1,6}$ ($Y_u=18, Y_{nc}/100 < Y \leq Y_{nc}$) $L^*_N(3,6)=18, L^*_u(18)=50, L^*_w(90)=137$

1 10

 $L^*_{90}/L^*_u=2,73, \gamma=1,6, 1/\gamma=1/1,6=0,62$ $L^*_{18}/L^*_u=1,00, S_n=50,00, D_n=-0,00$ $L^*_{3,6}/L^*_u=0,36, L^*_u=50,00, Y_u=18$

0 1

 $\log[L^*/L_u^*]=0, m_u=0,62$ $L^*_u=49, L^*_u=50$ application
range-1 0,1 1 10 100 $Y_u=18 100 Y$ -2 -1 0 $Y_N=3,6 1 Y_w=90 2 \log(Y)$