

l^* IECsRGBu4 standard lightness l^* $Y_{nc} = Y_{W\text{RGB}nc} = 100, 21, 72, 7$

l^*

4 10000

$$l^*_{\text{IECsRGBu4}} = 50 (Y/Y_u)^{1/1,2} \quad (Y_u = 18, Y_{nc}/100 < Y \leq Y_{nc})$$

$$l^*_N(3,6) = 13, l^*_u(18) = 50, l^*_W(90) = 191$$

3 1000

2 100

$$\log[l^*/l^*_u] = 0, m_u = 0,83$$

$$L^*_u = 49, l^*_u = 50$$

application
range

