

$\log(L^*)$

IECsRGBu0 standard lightness L^*

$$Y_{nc} = L^*_{wRGBnc} = 100, 52, 87, 31$$

L^*

4 10000

$$L^*_{IECsRGBu0} = 50(Y/Y_u)^{1/2,4} \quad (Y_u = 18, Y_{nc}/100 < Y \leq Y_{nc})$$

$$L^*_{N(3,6)} = 26, L^*_u(18) = 50, L^*_{W(90)} = 98$$

3 1000

2 100

$$\log[L^*/L^*_u] = 0, m_u = 0,41$$

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

application
range

