

l^*/l_u^* IECsRGBu4 relative standard lightness l^*/l_u^*

$$Y_{nc} = Y_W \mathbf{RGB}_{nc} = 100, \mathbf{21, 72, 7}$$

l^*/l_u^*
2 100

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

$$l_{N(3,6)}^* = 13, l_{u(18)}^* = 50, l_{W(90)}^* = 191$$

1 10

$$l_{90}^*/l_u^* = 3,82, \gamma = 1,2, 1/\gamma = 1/1,2 = 0,83$$

$$l_{18}^*/l_u^* = 1,00, S_n = 50,00, D_n = -0,00$$

$$l_{3,6}^*/l_u^* = 0,26, l_u^* = 50,00, Y_u = 18$$

0 1

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

$$L_u^* = 49, l_u^* = 50$$

application range

