

$\log(t^*/t_u^*)$

LABJNDu5 relative triangle lightness t^*/t_u^*

$Y_{nc}=Y_{WRGBnc}=100, 21, 72, 7$

t^*/t_u^*
2
100

$$t_{LABJNDu5}^* = \ln(A_{1n} + A_{2n}Y) / (A_{2n}A_{0n}) \quad (Y_{nc}/100 < Y \leq Y_{nc})$$

$$t_{LABJNDu5}^* = \ln(A_{1n} + A_{2n}x) / (A_{2n}A_{0n}) \quad (x = Y/Y_u)$$

$$t_{N(3,6)}^* = 146, t_u^*(18) = 332, t_{W(90)}^* = 517$$

1
10

$$t_{90}^*/t_u^* = 1,55, A_{0n} = 1,5, A_{2u} = 0,1044, c_x = 1,00$$

$$t_{18}^*/t_u^* = 1,00, A_{1n} = 0,017, A_{2n} = 0,0058$$

$$t_{3,6}^*/t_u^* = 0,43, t_u^* = 332,22, Y_u = 18$$

0
1
 $\log[t^*/t_u^*] = 0, m_u = 0,33$

$$L_u^* = 49, t_u^* = 332$$

application range

