

t^*/t_u^* LABJNDu7 relative triangle lightness t^*/t_u^* $Y_{nc}=Y_{WRGBnc}=100, 21, 72, 7$ t^*/t_u^*

2

$$t_{LABJNDu7}^* = \ln(A_{1n} + A_{2n}Y) / (A_{2n}A_{0n}) \quad (Y_{nc}/100 < Y \leq Y_{nc})$$

$$t_{LABJNDu7}^* = \ln(A_{1n} + A_{2u}x) / (A_{2u}A_{0n}) \quad (x = Y/Y_u)$$

$$t_{N(3,6)}^* = 174, t_u^*(18) = 396, t_{W(90)}^* = 616$$

1

$$t_{90}^*/t_u^* = 1,55, A_{0n} = 1,5, A_{2u} = 0,0876, c_x = 0,84$$

$$t_{18}^*/t_u^* = 1,00, A_{1n} = 0,017, A_{2n} = 0,0048$$

$$t_{3,6}^*/t_u^* = 0,43, t_u^* = 395,50, Y_u = 18$$

0

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

$$L_u^* = 49, t_u^* = 396$$

application
range

-1

0,1

1

10

100

 $x_u = 1$

y

-2

-1

0

1

2

 $x_N = 0,2$ $x_W = 5$ $\log(Y)$