

$t^*/t_u^*$ LABJNDu9 relative triangle lightness  $t^*/t_u^*$  $Y_{nc}=Y_{wRGBnc}=100, 21, 72, 7$  $t^*/t_u^*$ 

2

$$t_{LABJNDu9}^* = \ln(A_{1n} + A_{2n}Y) / (A_{2n}A_{0n}) \quad (Y_{nc}/100 < Y \leq Y_{nc})$$

$$t_{LABJNDu9}^* = \ln(A_{1n} + A_{2u}x) / (A_{2u}A_{0n}) \quad (x = Y/Y_u)$$

$$t_{N(3,6)}^* = 348, t_u^*(18) = 791, t_{w(90)}^* = 1231$$

1

$$t_{90}^*/t_u^* = 1,55, A_{0n} = 1,5, A_{2u} = 0,0438, c_x = 0,42$$

$$t_{18}^*/t_u^* = 1,00, A_{1n} = 0,017, A_{2n} = 0,0024$$

$$t_{3,6}^*/t_u^* = 0,43, t_u^* = 791,01, Y_u = 18$$

0

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

$$L_u^* = 49, t_u^* = 791$$

application  
range

0,1

1

10

100

 $x_u = 1$  $Y$ 

-1

0

1

2

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