

t^*/t_u^* LABJNDu8 relative triangle lightness t^*/t_u^* $Y_{nc}=Y_{wRGBnc}=100, 21, 72, 7$ t^*/t_u^*

2 100

$$t_{LABJNDu8}^* = \ln(A_{1n} + A_{2n}Y) / (A_{2n}A_{0n}) \quad (Y_{nc}/100 < Y \leq Y_{nc})$$

$$t_{LABJNDu8}^* = \ln(A_{1n} + A_{2u}x) / (A_{2u}A_{0n}) \quad (x = Y/Y_u)$$

$$t_{N(3,6)}^* = 327, t_u^*(18) = 744, t_w^*(90) = 1158$$

1 10

$$t_{90}^*/t_u^* = 1,55, A_{0n} = 1,0, A_{2u} = 0,0699, c_x = 0,67$$

$$t_{18}^*/t_u^* = 1,00, A_{1n} = 0,011, A_{2n} = 0,0038$$

$$t_{3,6}^*/t_u^* = 0,43, t_u^* = 743,79, Y_u = 18$$

0 1

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

$$L_u^* = 49, t_u^* = 744$$

application range

0,1

1

10

100

Y

-1

0

1

2

log(Y)