

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

2 100

 $t_{LABJNDu9}^* = \ln(A_{1n} + A_{2n}Y) / (A_{2n}A_{0n}) \quad (Y_{nc}/100 < Y \leq Y_{nc})$ $t_{LABJNDu9}^* = \ln(A_{1n} + A_{2u}x) / (A_{2u}A_{0n}) \quad (x = Y/Y_u)$ $t_N^*(3,6)=146, t_u^*(18)=332, t_w^*(90)=517$

1 10

 $t_{90}^*/t_u^*=1,55, A_{0n}=1,5, A_{2u}=0,1044, c_x=0,42$ $t_{18}^*/t_u^*=1,00, A_{1n}=0,007, A_{2n}=0,0058$ $t_{3,6}^*/t_u^*=0,43, t_u^*=332,22, Y_u=18$ 0 1 $\log[t^*/t_u^*]=0, m_u=0,33$ $L_u^*=49, t_u^*=332$ application
range

0,1

1

10

100 Y

-1

0

1

2 log(Y)

 $x_u=1$ $x_N=0,2$ $x_w=5$