

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

LABJNDu5 relative triangle lightness t^*/t_u^*

$Y_{nc}=Y_w$ **R** **G** **B** $nc=100, 21, 72, 7$

t^*/t_u^*

2 100

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

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

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

1 10

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

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

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

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

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

application
range

0,1

1

10

100

Y

-1

0

1

2

$\log(Y)$