

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

CIELABu5 relative triangle lightness t^*/t_u^*

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

t^*/t_u^*
2 100

$t_{CIELABu5}^*=66(Y/Y_u)^{1/3,0}-16$ ($Y_u=18, Y_{nc}/100<Y\leq Y_{nc}$)

$t_{N(3,6)}^*=23, t_u^*(18)=50, t_{W(90)}^*=97$

1 10

$t_{90}^*/t_u^*=1,93, \gamma=3,0, 1/\gamma=1/3,0=0,33$

$t_{18}^*/t_u^*=1,00, S_n=65,49, D_n=-15,49$

$t_{3,6}^*/t_u^*=0,45, t_u^*=50,00, Y_u=18$

0 1

$\log[t^*/t_u^*]=0, m_u=0,43$

$L_u^*=49, t_u^*=50$

application
range

0,1

1

10

100

$Y_u=18$

$Y_W=90$

Y

$Y_N=3,6$

1

2

$\log(Y)$