

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

IECsRGBu5 relative triangle lightness t^*/t_u^*

$Y_{nc}=Y_{WRGBnc}=100, 21, 72, 7$

t^*/t_u^*

2 100

$t_{IECsRGBu5}^* = 50 (Y/Y_u)^{1/2,4} (Y_u=18, Y_{nc}/100 < Y \leq Y_{nc})$

$t_{N(3,6)}^* = 26, t_u^*(18) = 50, t_{W(90)}^* = 98$

1 10

0 1

$\log[t^*/t_u^*] = 0, m_u = 0,41$

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

application range

0,1

1

10

100

$Y_u = 18$

Y

-2

-1

0

$Y_N = 3,6$

1

$Y_W = 90$

2

$\log(Y)$