

$t^*/t_u^*$ CIELABn7 relative triangle lightness  $t^*/t_n^*$  $Y_{nc}=Y_{wRGBnc}=100, 21, 72, 7$  $t^*/t_u^*$ 

2 100

 $t^*_{CIELABn7}=109(Y/Y_n)^{1/2,5}-9$  ( $Y_n=100, Y_{nc}/100 < Y \leq Y_{nc}$ ) $t^*_{N(3,6)}=20, t^*_{u(18)}=46, t^*_{W(90)}=96$ 

1 10

 $t^*_{90}/t^*_u=2,06, \gamma=2,5, 1/\gamma=1/2,5=0,40$  $t^*_{18}/t^*_u=1,00, S_n=108,42, D_n=-8,42$  $t^*_{3,6}/t^*_u=0,43, t^*_n=46,18, Y_n=18$ 

0 1

 $\log[t^*/t_u^*]=0, m_u=0,47$  $L^*_u=49, t^*_u=46$ application  
range

-1

0,1

1

10

100

 $Y_u=18$  $Y$ 

-2

-1

0

 $Y_N=3,6$ 

1

 $Y_W=90$ 

2

 $\log(Y)$