

$\log [(Y/\Delta Y) / (Y_u/\Delta Y_u)]$ CIE tristimulus
 value, relative sensitivity
 adaptation time $t_p \geq 25s$

Exp. AV, ΔY^*10 , 18 achromatic
 CIEDE2000
 CIELAB

$L_u = L_g$
 $[cd/m^2]$

60

$Y_u = 18$

$L_u^* = 50$

$m=0$

$m=1/3$

$u = \log Y_u$

$x = \log Y$