

$\log(Y/\Delta Y)$  CIE tristimulus value

contrast sensitivity

adaptation time  $t_p \geq 25\text{s}$

Exper. AV, Achromatic

**CIEDE2000**

**CIELAB**

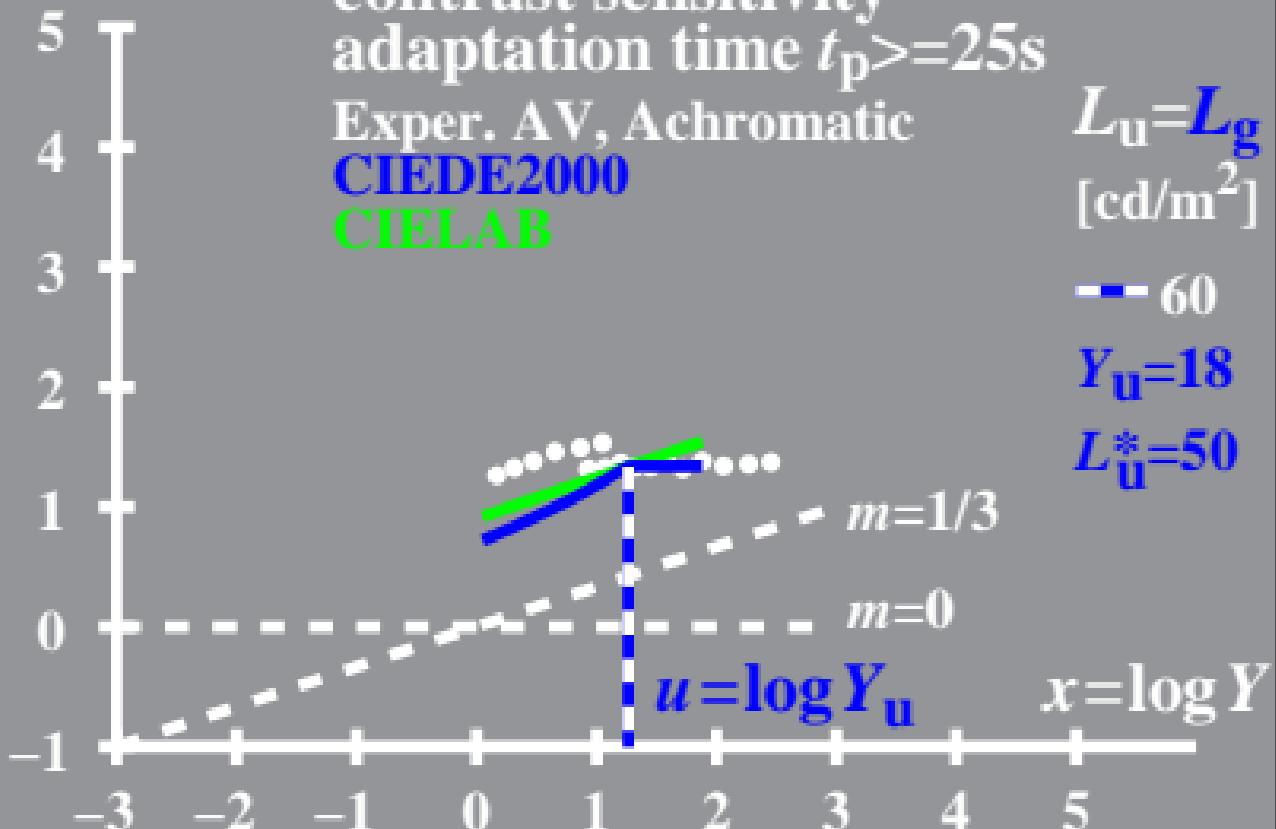
$$L_u = L_g$$

$$[\text{cd}/\text{m}^2]$$

$$= 60$$

$$Y_u = 18$$

$$L_u^* = 50$$



$\log(Y/\Delta Y)$  CIE tristimulus value

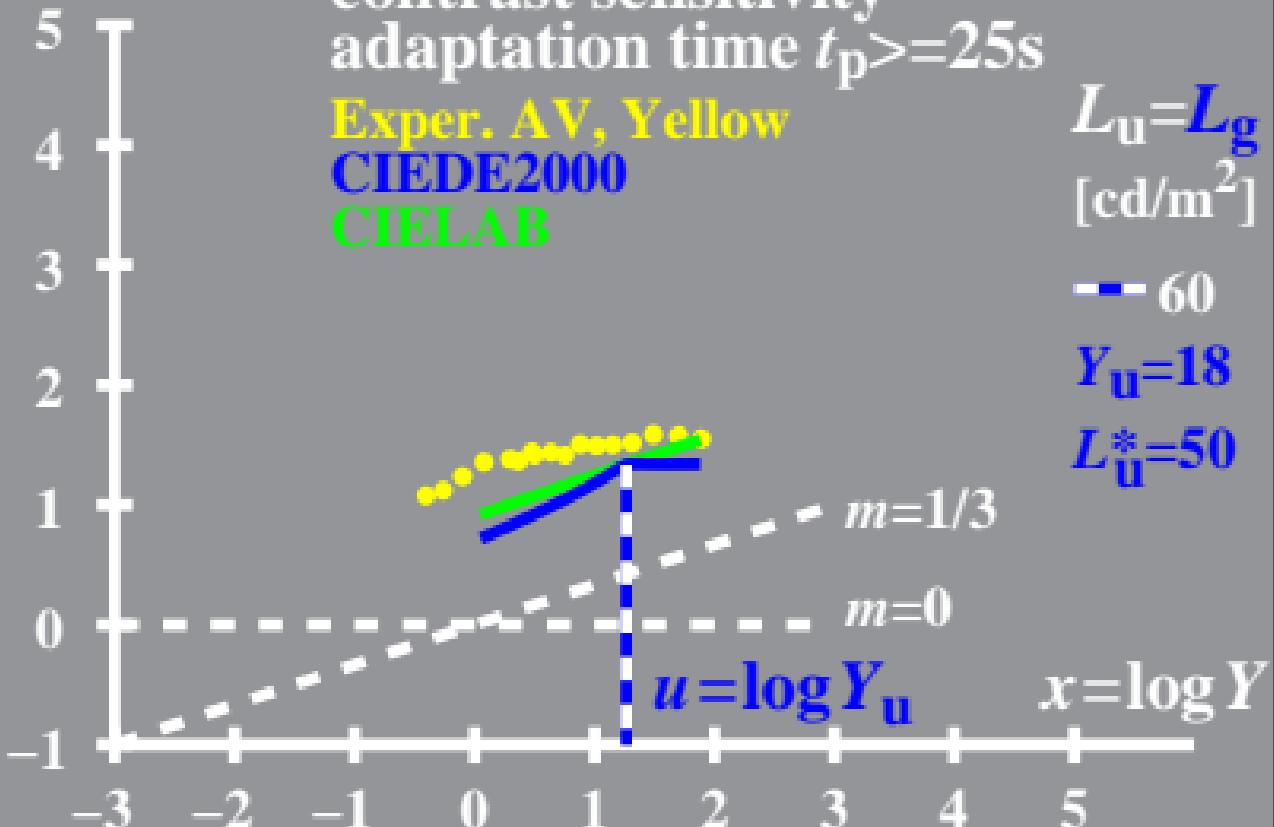
contrast sensitivity

adaptation time  $t_p \geq 25\text{s}$

Exper. AV, Yellow

CIEDE2000

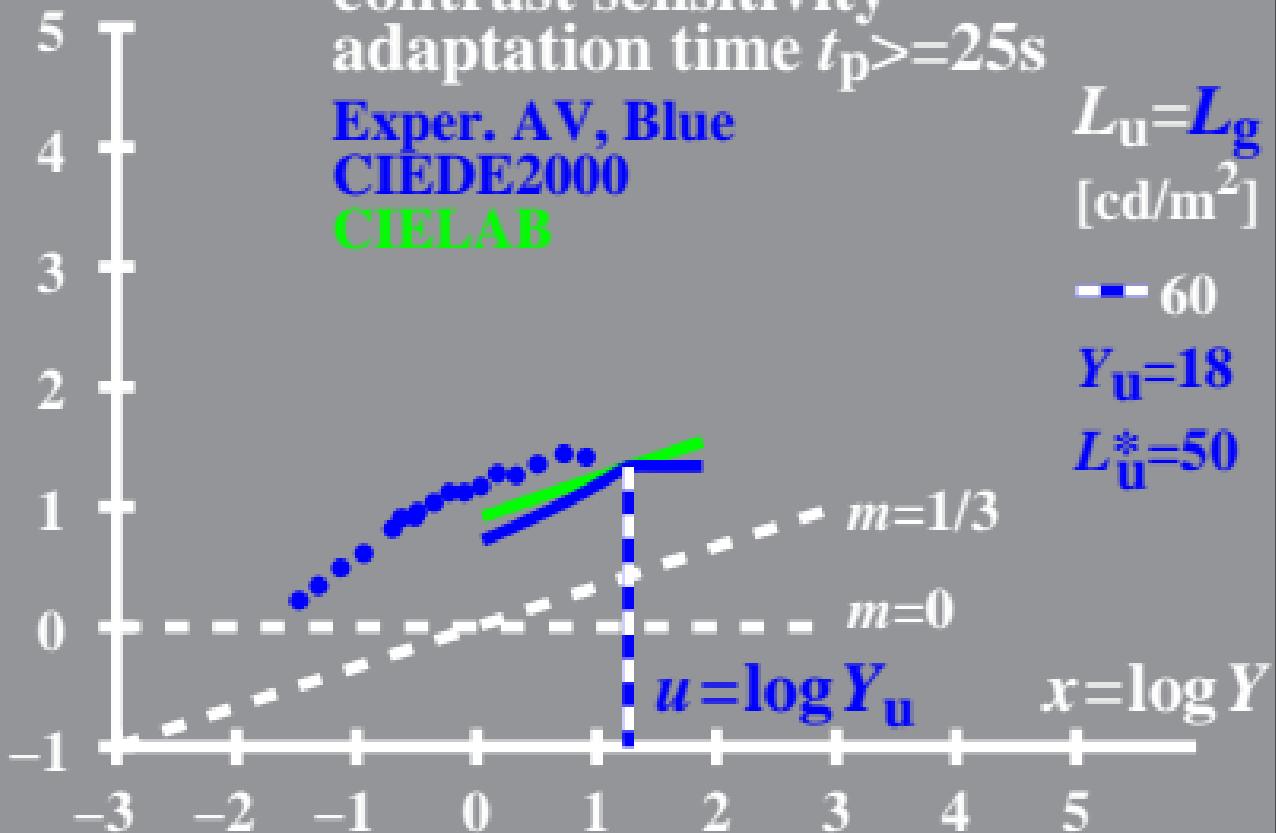
CIELAB



$\log(Y/\Delta Y)$  CIE tristimulus value  
contrast sensitivity  
adaptation time  $t_p \geq 25\text{s}$

Exper. AV, Blue  
**CIEDE2000**  
**CIELAB**

$L_u = L_g$   
[cd/m<sup>2</sup>]  
— 60  
 $Y_u = 18$   
 $L_u^* = 50$



$\log(Y/\Delta Y)$  CIE tristimulus value

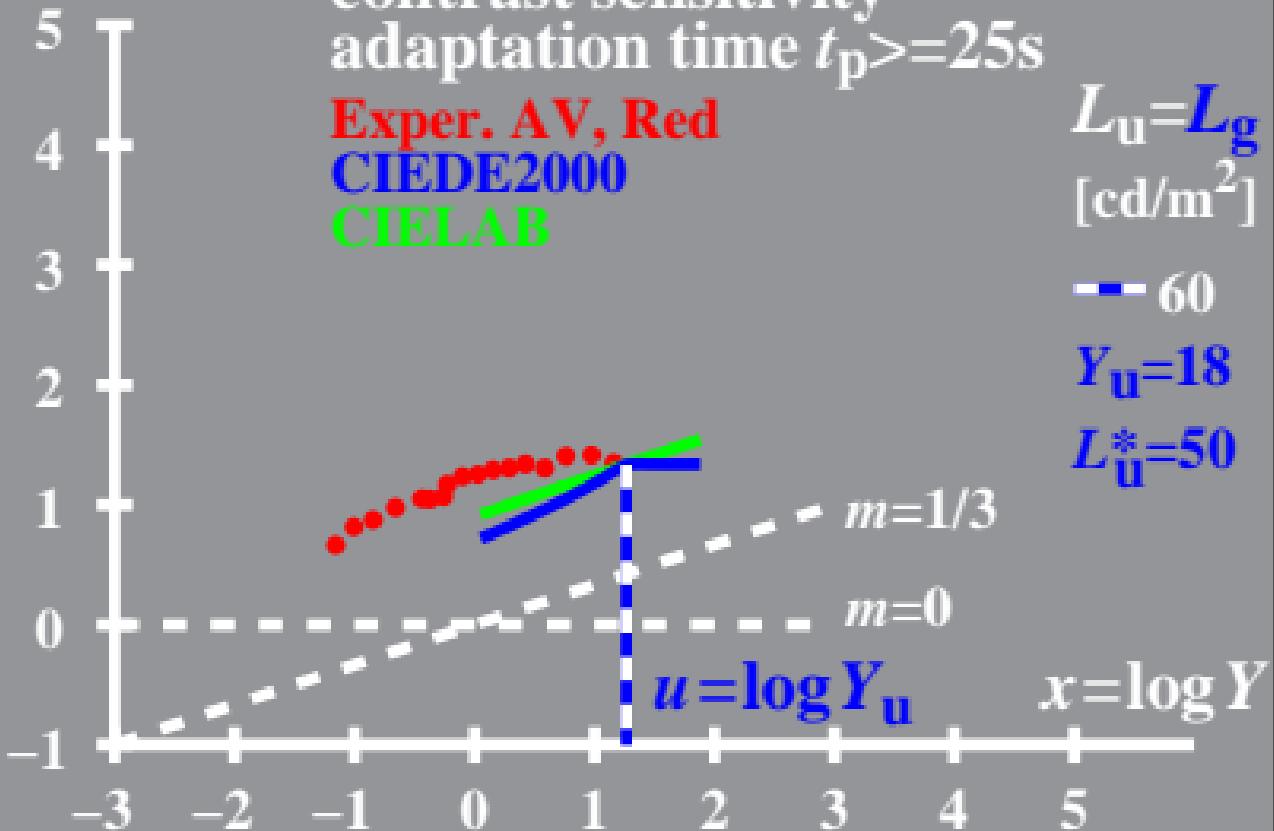
contrast sensitivity

adaptation time  $t_p >= 25s$

Exper. AV, Red

CIEDE2000

CIELAB



$\log(Y/\Delta Y)$  CIE tristimulus value

contrast sensitivity

adaptation time  $t_p \geq 25\text{s}$

Exper. AV, Green

CIEDE2000

CIELAB

$$L_u = L_g$$

$$[\text{cd}/\text{m}^2]$$

$$= 60$$

$$Y_u = 18$$

$$L_u^* = 50$$

