

$\log [(\Delta Y/Y_p) / (\Delta Y/Y_u)]$  CIE tristimulus  
value, relative contrast  
adaptation time  $t_p \geq 25\text{s}$

Exper. AV, Achromatic

**CIEDE2000**

**CIELAB**

$$L_u = L_g$$

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

$$60$$

$$Y_u = 18$$

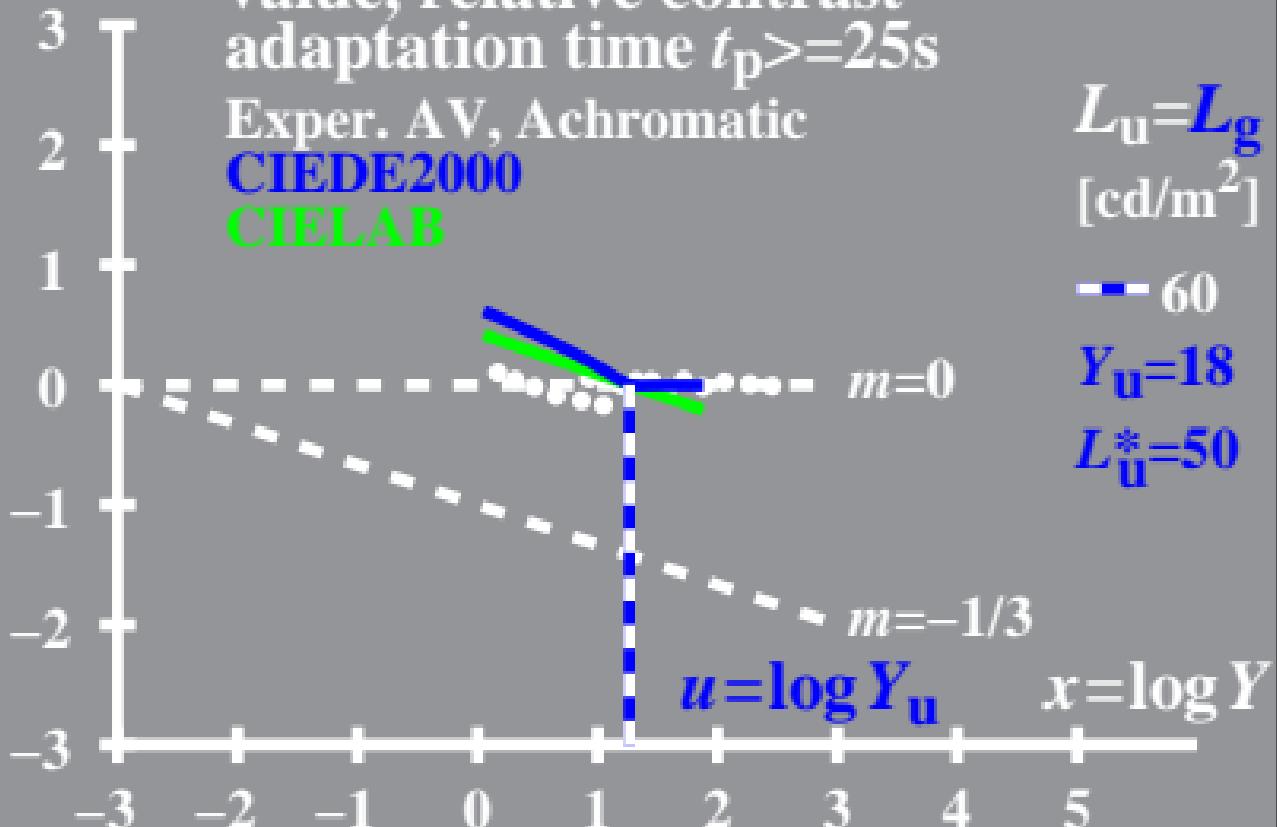
$$L_u^* = 50$$

$$m=0$$

$$m=-1/3$$

$$u = \log Y_u$$

$$x = \log Y$$



$\log [(\Delta Y/Y_p) / (\Delta Y/Y_u)]$  CIE tristimulus value, relative contrast adaptation time  $t_p \geq 25\text{s}$

Exper. AV, Yellow

CIEDE2000

CIELAB

$$L_u = L_g$$

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

$$60$$

$$Y_u = 18$$

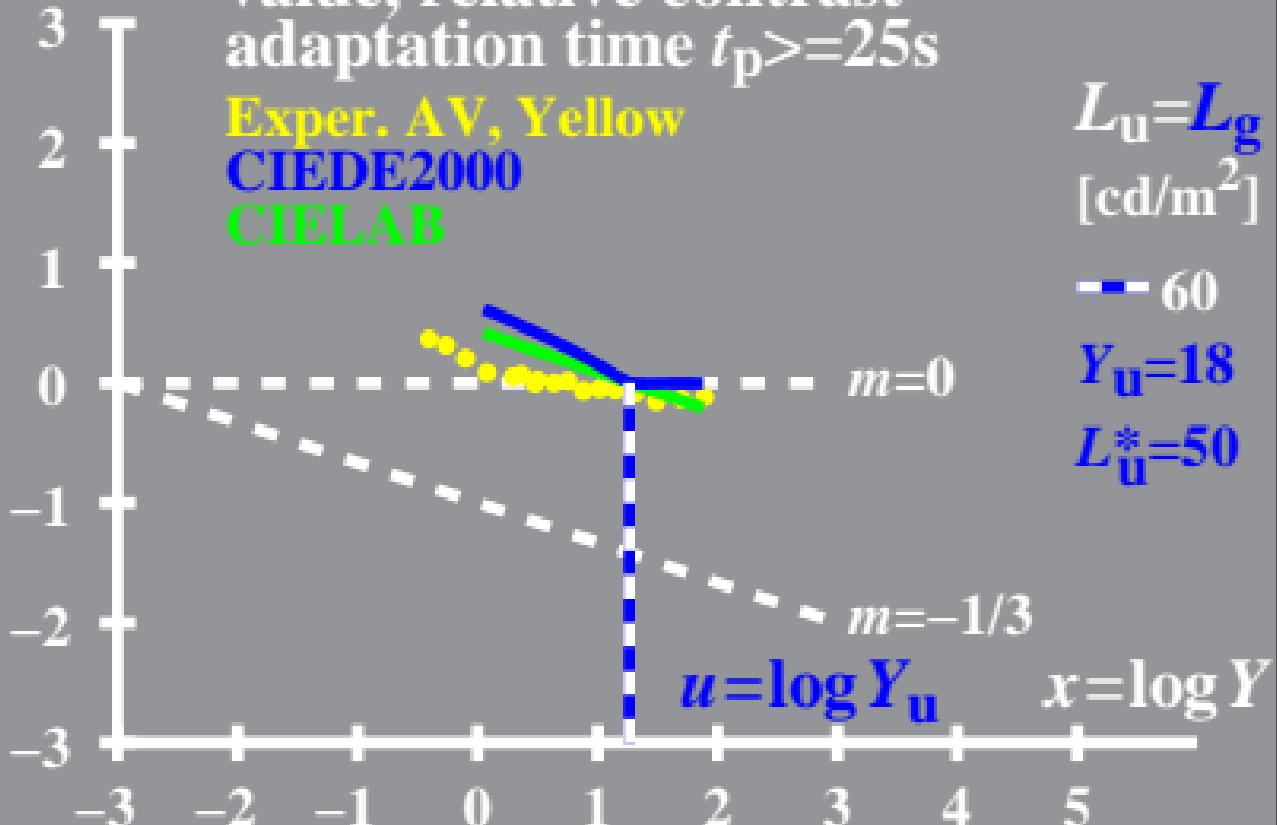
$$L_u^* = 50$$

$$m=0$$

$$m=-1/3$$

$$u = \log Y_u$$

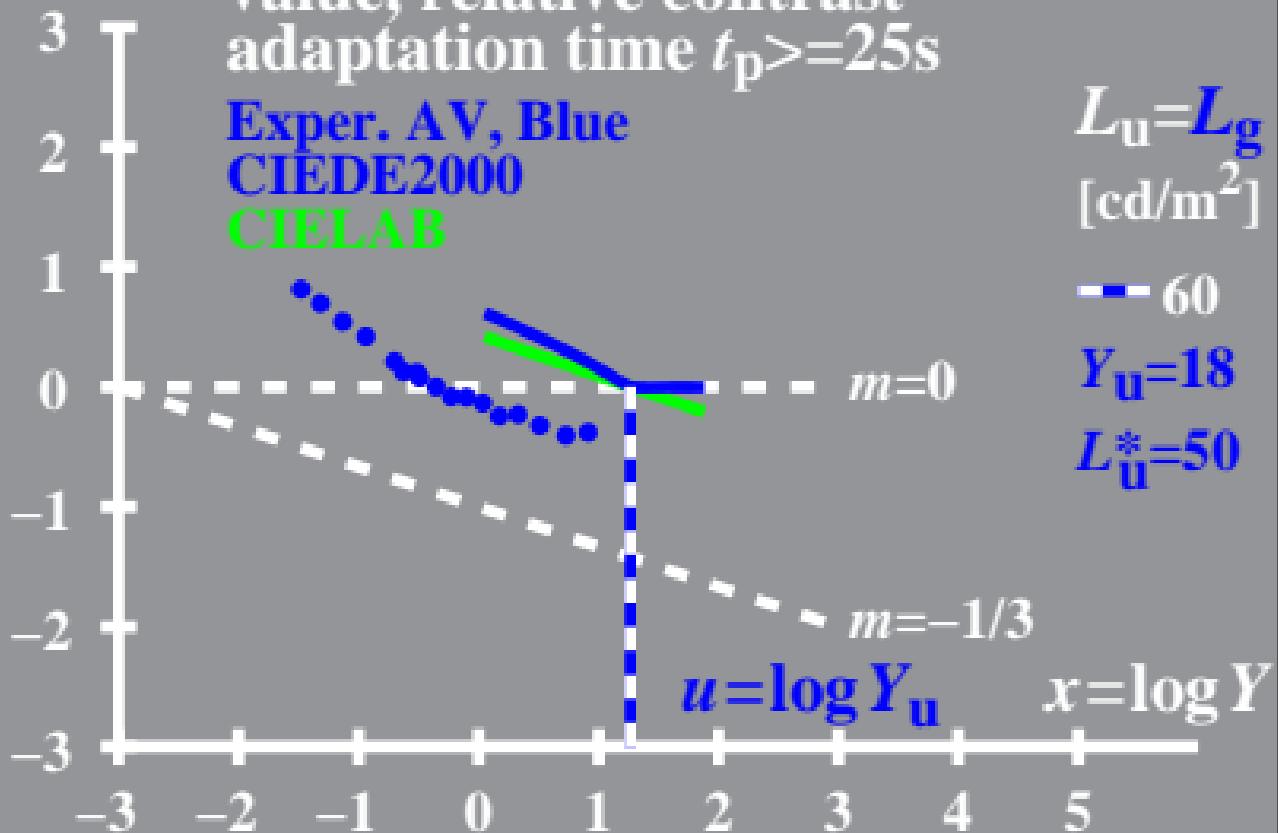
$$x = \log Y$$



$\log [(\Delta Y/Y_p) / (\Delta Y/Y_u)]$  CIE tristimulus value, relative contrast adaptation time  $t_p \geq 25\text{s}$

Exper. AV, Blue  
CIÉDE2000  
CIELAB

$L_u = L_g$   
[cd/m<sup>2</sup>]  
 $m=0$   
 $Y_u = 18$   
 $L_u^* = 50$



$\log [(\Delta Y/Y_p) / (\Delta Y/Y_u)]$  CIE tristimulus value, relative contrast adaptation time  $t_p \geq 25\text{s}$

Exper. AV, Red

CIEDE2000

CIELAB

$$L_u = L_g$$

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

$$60$$

$$Y_u = 18$$

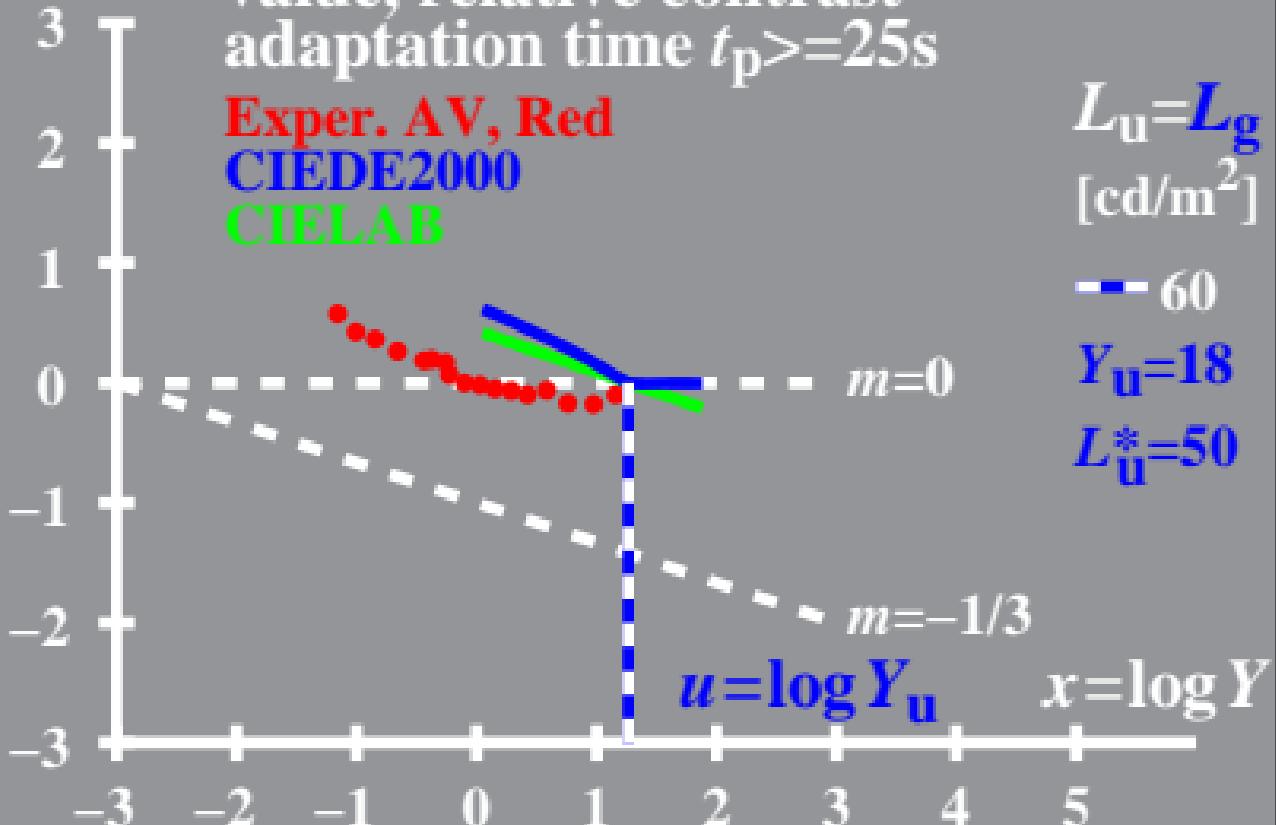
$$L_u^* = 50$$

$$m=0$$

$$m=-1/3$$

$$u = \log Y_u$$

$$x = \log Y$$



$\log [(\Delta Y/Y_p) / (\Delta Y/Y_u)]$  CIE tristimulus  
value, relative contrast  
adaptation time  $t_p \geq 25\text{s}$

Exper. AV, Green  
**CIEDE2000**  
**CIELAB**

$$L_u = L_g \quad [\text{cd/m}^2]$$
  
$$m=0$$
  
$$Y_u = 18$$
  
$$L_u^* = 50$$

