

$\log[F_{abc}(x_r)]$ =achromatic receptor response & calculated

$$F_{abc}(x_r) = b\beta \frac{e^{x_r/a} - e^{-x_r/a}}{e^{x_r/a} + e^{-x_r/a}} = b\beta \tanh[x_r/a] \quad a=1,00, b=1,00, c=2,7182$$

$$c=1,00, \beta=1,00, \text{examples}$$

$$F_{cb}(x_r) = b\beta \frac{-e^{-x_r/c}}{e^{x_r/c} + e^{-x_r/c}}$$

$$F_{ab}(x_r) = b\beta \frac{e^{x_r/a}}{e^{x_r/a} + e^{-x_r/a}}$$

$$F_{ab}(x_r)$$

$$F_{abc}(x_r) = F_{ab}(x_r) + F_{cb}(x_r)$$

$$F_{cb}(x_r)$$

N

W

$$a=0,70 \quad b=1,00 \quad b/a=1,42$$

$$c=0,70 \quad b=1,00 \quad b/c=1,42$$

$$m_{R+}=0,69 \quad m_{G+}=0,69 \quad m_{Y+}=1,39$$

range  
of office  
luminance

$$x_u=0$$

$$x_r=\log[L/L_u]$$