

$\log [(\Delta Y/Y) / (\Delta Y_u/Y_u)]$
 CIELAB

CIE- Y sensitivity
 normalized to $\Delta Y_u/Y_u$

$$L^*_{\text{CIELAB}} = 116 (Y/Y_n)^{1/3} - 16 \quad (Y_n=100, 0,89 \leq Y) \quad [2a]$$

$$L^*_{\text{CIELAB}} = 65,4 (Y/Y_u)^{1/3} - 16 \quad (Y_u=18, 0,89 \leq Y) \quad [2b]$$

