

$\log[(Y/\Delta Y) / (Y/\Delta Y)_u]$

CIE Y contrast
normalized to $(Y/\Delta Y)_u$
LABJND & **CIEDE2000**

$$C_r/C_{ru} = (Y/\Delta Y)/(Y/\Delta Y)_u$$

Y contrast according to CIEDE2000

$$\log[(Y/\Delta Y)/(Y/\Delta Y)_u] = (1/3) \log((Y/Y)_u)$$

$$L^*_u=50, Y_u=18, dY_u=0,83$$

$$L^*_u=50, Y_u=18, dY_u=0,83, (Y/dY)_u=22$$

$$\log[(Y/dY)_u/(Y/dY)_u]=0, m_u=0,18$$

$$m_{u+}=0,13$$

