

$\log [(\Delta Y/Y) / (\Delta Y_u/Y_u)]$ CIE Y-based contrast
 normalized to $\Delta Y_u/Y_u$
 $C_r/C_{ru}=(\Delta Y/Y)/(\Delta Y_u/Y_u)$

$$L^*_{85,2} = (t/a) \ln (1 + a \cdot Y)$$

$$a=0,3411 \quad t=88,23 \quad t/a=258,6$$

tristimulus value Y contrast

$$\begin{aligned}
 \log[(dY/Y)/(dY_u/Y_u)] &= \log [(1 + a \cdot Y) / (t \cdot Y)] \\
 &\quad - \log [(1 + a \cdot Y_u) / (t \cdot Y_u)]
 \end{aligned}$$

