

$\log [(\Delta Y/Y) / (\Delta Y_u/Y_u)]$ relative CIE tristimulus

$C_r/C_{ru} = (\Delta Y/Y) / (\Delta Y_u/Y_u)$ value Y contrast

2-100

$$L^* = (t/a) \ln (1 + a \cdot Y) \quad a=0.3411 \quad t/a=258.6$$

relative tristimulus value contrast

$$\log[(dY/Y)/(dY_u/Y_u)] = \log [(1 + a \cdot Y) / (t \cdot Y)]$$

1-10

$$- \log [(1 + a \cdot Y_u) / (t \cdot Y_u)]$$

0-1

application range

$$\log[(dY/Y)/(dY_u/Y_u)] = 0, m_u = -0.13$$

$$Y_u = 18, dY_u = 0.08, dY_u/Y_u = 0.004$$

