

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

CIE Y-Kontrast
normiert für $Y_u/\Delta Y_u$

$C_r/C_{ru} = (Y/\Delta Y)/(Y/\Delta Y)_u$
 $100 L^* = 100(Y/Y_u)^{1/\ln(10)}$ ($Y_u = 100, Y_u = 18, 1 \leq Y \leq 100$) [1h]

$Y/dY = (2,3/100) \cdot Y_u^{1/2,3} Y^{1,3/2,3}$ [2h]

$Y/dY = e \cdot (Y/Y_u)^{1,3/2,3}$ [3h]

$Y/dY = f \cdot (Y/Y_u)^{1,3/2,3}$ [4h]

$e = 587,093$ $f = 3007,521$ [5h]

$L^*_u = 50, Y_u = 20, dY_u = 0,93, (Y/dY)_u = 22$

$\log[(Y/dY)_u / (Y/dY)_u] = 0, m_u = 0,43$

