

$(Y/\Delta Y) / (Y/\Delta Y)_u$

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

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

$L^* = 100 (Y/Y_u)^{1/2,4}$ ($Y_n=100, Y_u=18, 1 \leq Y \leq 100$) [1h]

$Y/dY = (2,4/100) \cdot Y_n^{1/2,4} Y^{1,4/2,4}$ [2h]

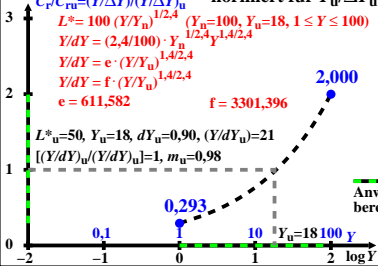
$Y/dY = e \cdot (Y/Y_u)^{1,4/2,4}$ [3h]

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

$e = 611,582$ $f = 3301,396$ [5h]

$L^*_u=50, Y_u=18, dY_u=0,90, (Y/dY_u)=21$

$[(Y/dY)_u/(Y/dY)_u]=1, m_u=0,98$



Anwendungsbereich