

$\log [(\Delta Y/Y) / (\Delta Y_u/Y_u)]$ Relativer CIE-Norm-

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

2 $100 L^*= (t/a) \ln [1 + b (Y/Y_u)]$

$a=0.3411$ $t=88.23$ $t/a=258.6$ $b=a \cdot Y_u=6.14$

relativer Hellbezugswert--Kontrast

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

Anwendungs-
bereich

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

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

$Y_u=18$ 100 Y

-2 -1 0 1 2 $\log(Y)$