

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

CIELAB-Y-Kontrast
normiert für $(Y/\Delta Y)_u$

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

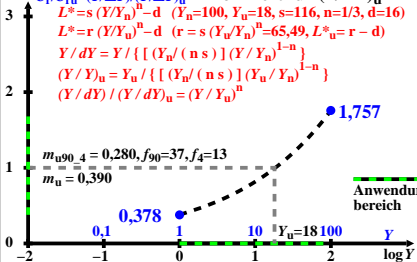
$L^* = s (Y/Y_n)^n - d \quad (Y_n=100, Y_u=18, s=116, n=1/3, d=16) \quad [1a]$

$L^* = r (Y/Y_u)^n - d \quad (r = s (Y_u/Y_n)^n = 65,49, L^*_u = r - d) \quad [1b]$

$Y/dY = Y / \{ [(Y_n / (n s))] (Y / Y_n)^{1-n} \} \quad [4c]$

$(Y/Y)_u = Y_u / \{ [(Y_n / (n s))] (Y_u / Y_n)^{1-n} \} \quad [4d]$

$(Y/dY) / (Y/dY)_u = (Y/Y_u)^n \quad [4e]$



$m_{u90_4} = 0,280, f_{90}=37, f_4=13$

$m_u = 0,390$

Anwendungsbereich

0,1

0,378

1

10

$Y_u=18$ 100

Y

$\log Y$