

log ($\Delta Y/Y$)

LABJNDu2

Normfarbwertempfindlichkeit

$Y_{nc} = L^*_{wRGBnc} = 100, 52, 87, 31$

$S_r = (\Delta Y/Y)$

0 -1

$L^*_{LABJNDu2} = \ln(A_{1n} + A_{2n}Y)/(A_{2n}A_{0n}) \quad (Y_{nc}/100 < Y \leq Y_{nc})$

$L^*_{LABJNDu2} = \ln(A_{1n} + A_{2u}x)/(A_{2u}A_{0n}) \quad (x = Y/Y_u)$

$dY/Y = A_{0n}(A_{1n} + A_{2n}Y)/Y = A_{0n}(A_{1n} + A_{2u}x)/Y$

-1 0,1

-2 0,01 $\log(dY/Y) = -2,07, m_u = -0,15$

$L^*_u = 396, dY_u = 0,15, dY_u/Y_u = 0,0084$

Anwendungs-
bereich

-3 -2 -1 0 1 10 100 Y
0,1 1 10 100 Y
x_N=0,2 1 x_W=5 2 log(Y)