

$\log (\Delta Y/Y)$

LABJNDu0

Normfarbwertemfindlichkeit

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

$S_r = (\Delta Y/Y)$

0 -1

$$L^*_{LABJNDu0} = \ln(A_{1n} + A_{2n}Y) / (A_{2n}A_{0n}) \quad (Y_{nc}/100 < Y \leq Y_{nc})$$

$$L^*_{LABJNDu0} = \ln(A_{1n} + A_{2u}x) / (A_{2u}A_{0n}) \quad (x = Y/Y_u)$$

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

-1 0,1

-2 0,01

$\log(dY/Y) = -1,99, m_u = -0,15$

$L^*_u = 332, dY_u = 0,18, dY_u/Y_u = 0,0101$

Anwendungsbereich

-3

0,1

1

10

100

Y

-1

0

$x_N = 0,2$

1

$x_W = 5$

2

$\log(Y)$