

$\log(\Delta Y/Y)$

LABJNDu4

Normfarbwertemfindlichkeit

$Y_{nc} = Y_{wRGBnc} = 100, 21, 72, 7$

$S_r = (\Delta Y/Y)$

0 -1

$$l^*_{LABJNDu4} = \ln(A_{1n} + A_{2n}Y) / (A_{2n}A_{0n}) \quad (Y_{nc}/100 < Y \leq Y_{nc})$$

$$l^*_{LABJNDu4} = \ln(A_{1n} + A_{2u}x) / (A_{2u}A_{0n}) \quad (x = Y/Y_u)$$

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

$$(dY/Y)_{90} = 0,0016, A_{0n} = 0,6666, A_{2u} = 0,0438, c_x = 0,42$$

$$(dY/Y)_{18} = 0,0018, A_{1n} = 0,007, A_{2n} = 0,0024$$

$$(dY/Y)_{3,6} = 0,0029, Y_u = 18, dY_u = 0,03$$

-1
0,1
-2
0,01

Anwendungs-
bereich

$$\log(dY/Y) = -2,72, m_u = -0,15$$

$$l^*_u = 1780, dY_u = 0,03, dY_u/Y_u = 0,0018, x_u = 1, 100 Y$$

$$x_N = 0,2 \quad 1 \quad x_W = 5 \quad 2 \quad \log(Y)$$