

log ($\Delta Y/Y$)

LABJNDu7

Normfarbwertempfindlichkeit

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

$S_r = (\Delta Y/Y)$

0-1

$$T^*_{LABJNDu7} = \ln(A_{1n} + A_{2n}Y) / (A_{2n}A_{0n}) \quad (Y_{nc}/100 < Y \leq Y_{nc})$$

$$T^*_{LABJNDu7} = \ln(A_{1n} + A_{2u}x) / (A_{2u}A_{0n}) \quad (x = Y/Y_u)$$

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

-1-0,1

-2-0,01

log(dY/Y) = -2,00, $m_u = -0,17$

$T^*_u = 332, dY_u = 0,17, dY_u/Y_u = 0,0098$

Anwendungsbereich

-3-0,1 1 10 100 y
-2-0,1 0,1 1 10 100 y
-2 -1 0 1 2 log(Y)