

$\log (\Delta Y/Y)$

LABJNDu5

Normfarbwertempfindlichkeit

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

$S_r=(\Delta Y/Y)$

0 -1

$$T^*_{LABJNDu5}=\ln(A_{1n}+A_{2n}Y)/(A_{2n}A_{0n}) \quad (Y_{nc}/100 < Y \leq Y_{nc})$$

$$T^*_{LABJNDu5}=\ln(A_{1n}+A_{2u}x)/(A_{2u}A_{0n}) \quad (x=Y/Y_u)$$

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

$$(dY/Y)_{90}=0,0089, A_{0n}=1,5, A_{2u}=0,1044, c_x=1,00$$

$$(dY/Y)_{18}=0,0101, A_{1n}=0,017, A_{2n}=0,0058$$

$$(dY/Y)_{3,6}=0,0157, A_{1n}=0,018, dY_u=0,18$$

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

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

Anwendungsbereich

0,1

1

10

100

Y

-1

0

1

2

$\log(Y)$

$x_N=0,2$

$x_u=1$

$x_W=5$