

$\log(Y/\Delta Y)$

LABJNDu8

Normfarbwertkontrast

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

$C_r=(Y/\Delta Y)$

4 10000

$t^*_{LABJNDu8}=\ln(A_{1n}+A_{2n}Y)/(A_{2n}A_{0n}) \quad (Y_{nc}/100 < Y \leq Y_{nc})$

$t^*_{LABJNDu8}=\ln(A_{1n}+A_{2u}x)/(A_{2u}A_{0n}) \quad (x=Y/Y_u)$

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

3 1000

$t^*_u=1116, dY_u=0,05, Y_u/dY_u=331$

$\log(Y/dY)=2,52, m_u=0,13$

2 100

$(Y/dY)_{90}=373,82, A_{0n}=0,6666, A_{2h}=0,0629, r_x=0,67$

$(Y/dY)_{18}=331,54, A_{1n}=0,011, A_{2n}=0,0038$

$(Y/dY)_{3,6}=212,76, r_u=18, dY_u=0,05$

Anwendungsbereich

1

0,1

1

10

100

Y

$x_u=1$

$x_N=0,2$

$x_W=5$

2

$\log(Y)$