

log (Y/ΔY)

LABJNDu7

Normfarbwertkontrast

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

$C_r=(Y/\Delta Y)$

4 10000

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

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

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

3 1000

$t^*_u=890, dY_u=0,06, Y_u/dY_u=264$

$\log(Y/dY)=2,42, m_u=0,13$

2 100

$(Y/dY)_{90}=298,17, A_{0n}=0,6666, A_{2u}=0,0876, m_x=0,84$

$(Y/dY)_{18}=264,76, A_{1n}=0,014, A_{2n}=0,0048$

$(Y/dY)_{3,6}=159,70, Y_u=19, dY_u=0,06$

Anwendungs-
bereich

1

0,1

1

10

100

Y

-2

-1

0

1

2

log(Y)

$x_N=0,2$

1

$x_u=1$

1

$x_W=5$

1