

$\log (\Delta Y/Y)$

LABJNDu0

Normfarbwertemfindlichkeit

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

$S_r=(\Delta Y/Y)$

0-1

$$L^*_{LABJNDu0}=\ln(A_{1n}+A_{2n}Y)/(A_{2n}A_{0n}) \quad (Y_{nc}/100 < Y \leq Y_{nc})$$

$$L^*_{LABJNDu0}=\ln(A_{1n}+A_{2u}x)/(A_{2u}A_{0n}) \quad (x=Y/Y_u)$$

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

$$(dY/Y)_{90}=0,0039, A_{0n}=0,6666, A_{2u}=0,1044, c_x=1,00$$

$$(dY/Y)_{18}=0,0044, A_{1n}=0,017, A_{2n}=0,0058$$

$$(dY/Y)_{3,6}=0,0070, Y_u=18, dY_u=0,08$$

-1-0,1

$$\log(dY/Y)=-2,34, m_u=-0,15$$

Anwendungs-
bereich

$$L^*_u=748, dY_u=0,08, dY_u/Y_u=0,0044$$

