

$\log(\Delta Y/\Delta Y_u)$

LABJNDu1 relative

Normfarbwertdifferenz

$Y_{nc} = L^* w_{RGBnc} = 100, 52, 87, 31$

$\Delta Y/\Delta Y_u$

2 100

$$L^*_{LABJNDu1} = \ln(A_{1n} + A_{2n}Y) / (A_{2n}A_{0n}) \quad (Y_{nc}/100 < Y \leq Y_{nc})$$

$$L^*_{LABJNDu1} = \ln(A_{1n} + A_{2u}x) / (A_{2u}A_{0n}) \quad (x = Y/Y_u)$$

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

1 10

0 1

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

$$\log[(dY)/(dY)_u] = 0, m_u = 0,86$$

Anwendungsbereich

0,1

1

10

100

$x_u = 1$

y

-1

-1

0

$x_N = 0,2$

1

$x_W = 5$

2

$\log(Y)$