

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

LABJNDu1 relative
Normfarbwertdifferenz

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

$\Delta Y/\Delta Y_u$

2 100

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

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

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

$$1 10 \quad dY_{90}/dY_u = 4,43, A_{0n} = 0,6666, A_{2u} = 0,1044, c_x = 1,00$$

$$dY_{18}/dY_u = 1,00, A_{1n} = 0,017, A_{2n} = 0,0058$$

$$dY_{3,6}/dY_u = 0,31, Y_u = 18, dY_u = 0,08$$

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

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

Anwendungsbereich

