

$\log [(\Delta Y/Y) / (\Delta Y/Y)_u]$

LABJNDu3 relative

Normfarbwertempfindlichkeit

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

$S_r/S_{ru} = (\Delta Y/Y) / (\Delta Y/Y)_u$

2 100

$l^*_{LABJNDu3} = \ln(A_{1n} + A_{2n}Y) / (A_{2n}A_{0n}) \quad (Y_{nc}/100 < Y \leq Y_{nc})$

$l^*_{LABJNDu3} = \ln(A_{1n} + A_{2u}x) / (A_{2u}A_{0n}) \quad (x = Y/Y_u)$

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

1 10 $(dY/Y)_{90} / (dY/Y)_u = 0,88, A_{0n} = 0,6666, A_{2u} = 0,0699, c_x = 0,67$

$(dY/Y)_{18} / (dY/Y)_u = 1,00, A_{1n} = 0,011, A_{2n} = 0,0038$

$(dY/Y)_{3,6} / (dY/Y)_u = 1,55, Y_u = 18, dY_u = 0,05$

0 1

$\log[(dY/Y) / (dY/Y)_u] = 0, m_u = -0,13$

$l^*_u = 1116, dY_u = 0,05, dY_u/Y_u = 0,0030$

Anwendungsbereich

0,1

1

10

100

Y

-1 -2 -1 0 1 2 $x_N = 0,2$ $x_W = 5$ $x_u = 1$ $\log(Y)$