

$\log(\Delta Y)$

LABJNDu9

Normfarbwertdifferenz

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

$\Delta Y$

1-10

$$t^*_{LABJNDu9} = \ln(A_{1n} + A_{2n}Y) / (A_{2n}A_{0n}) \quad (Y_{nc}/100 < Y \leq Y_{nc})$$

$$t^*_{LABJNDu9} = \ln(A_{1n} + A_{2u}x) / (A_{2u}A_{0n}) \quad (x = Y/Y_u)$$

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

0-1  $A_{0n,D65} = 1,5, A_{0n,A} = 1,0, \text{ siehe CIE 230:2019}$

-1-0,1

$$t^*_u = 1187, dY_u = 0,05, dY_{3,6} = 0,01, Y_u = 18, dY_{98} = 0,22, A_{0n} = 1,0, A_{2n} = 0,0439, A_{2u} = 0,024$$

$$\log(dY) = 0,05, A_{0n} = 1,5, A_{2n} = 0,024$$

$$dY_{3,6} = 0,01, Y_u = 18, dY_u = 0,05, x_N = 0,2, x_W = 5$$

Anwendungsbereich

-2 -1 0 1 2  $\log(Y)$