

$\log(\Delta Y)$

LABJNDu6

Normfarbwertdifferenz

$Y_{nc} = L^* \mathbf{w}_{\text{RGB}} \mathbf{nc} = 100, 52, 87, 31$

ΔY

1-10

$$T^*_{\text{LABJNDu6}} = \ln(A_{1n} + A_{2n}Y) / (A_{2n}A_{0n}) \quad (Y_{nc}/100 < Y \leq Y_{nc})$$

$$T^*_{\text{LABJNDu6}} = \ln(A_{1n} + A_{2u}x) / (A_{2u}A_{0n}) \quad (x = Y/Y_u)$$

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

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

$T^*_u=332, dY_u=0,18, dY_u/Y_u=0,0102$

-1-0,1 $\log(dY)=0,18, m_u=0,85$

Anwendungsbereich

0,1

1

10

100

Y

-2

-1

0

$x_N=0,2$

1

$x_W=5$

2

$\log(Y)$