

log( $\Delta Y$ )

LABJNDu5

Normfarbwertdifferenz

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

$\Delta Y$   
1-10

$T^*_{LABJNDu5} = \ln(A_{1n} + A_{2n}Y) / (A_{2n}A_{0n}) \quad (Y_{nc}/100 < Y \leq Y_{nc})$

$T^*_{LABJNDu5} = \ln(A_{1n} + A_{2u}x) / (A_{2u}A_{0n}) \quad (x = Y/Y_u)$

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

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

$T^*_u = 498, dY_u = 0,12, dY_u/Y_u = 0,0067$

$\log(dY) = 0,12, m_u = 0,85$

$dY_{90} = 0,53, A_{0n} = 1,0, A_{1n} = 0,0115, A_{2n} = 0,0044, c_x = 1,00$

$dY_{18} = 0,12, A_{1n} = 0,0115, A_{2n} = 0,0058$

$dY_{3,6} = 0,03, Y_u = 18, dY_u = 0,12$

Anwendungsbereich

