

T^*/T_u^* LABJNDu8 relative Dreieckshelligkeit T^*/T_u^*
 $Y_{nc}=L^*_w \text{RGB}_{nc}=100, 52, 87, 31$

T^*/T_u^*

2 100

$$T^*_{\text{LABJNDu8}} = \ln(A_{1n} + A_{2n}Y) / (A_{2n}A_{0n}) \quad (Y_{nc}/100 < Y \leq Y_{nc})$$

$$T^*_{\text{LABJNDu8}} = \ln(A_{1n} + A_{2u}x) / (A_{2u}A_{0n}) \quad (x = Y/Y_u)$$

$$T^*_N(3,6)=491, T^*_u(18)=1116, T^*_w(90)=1737$$

$$T^*_{90}/T^*_u = 1,55, A_{0n}=0,6666, A_{2u}=0,0699, c_x=0,67$$

$$T^*_{18}/T^*_u = 1,00, A_{1n}=0,011, A_{2n}=0,0038$$

$$T^*_{3,6}/T^*_u = 0,43, T^*_u=1115,68, Y_u=18$$

$$\log[T^*/T_u^*]=0, m_u=0,33$$

$$L^*_u=49, T^*_u=1116$$

Anwendungsbereich

0,1

-1

10

1

$x_u=1$

$x_w=5$

100

2

Y

$\log(Y)$