

T^*/T_u^* LABJNDu7 relative Dreieckshelligkeit T^*/T_u^*
 $Y_{nc}=L^*_w \text{RGB}_{nc}=100, 52, 87, 31$

T^*/T_u^*

2 100

$$T^*_{\text{LABJNDu7}} = \ln(A_{1n} + A_{2n}Y) / (A_{2n}A_{0n}) \quad (Y_{nc}/100 < Y \leq Y_{nc})$$

$$T^*_{\text{LABJNDu7}} = \ln(A_{1n} + A_{2u}x) / (A_{2u}A_{0n}) \quad (x = Y/Y_u)$$

$$T^*_N(3,6)=174, T^*_u(18)=396, T^*_w(90)=616$$

1 10

$$T^*_{90}/T^*_u = 1,55, A_{0n}=1,5, A_{2u}=0,0876, c_x=0,84$$

$$T^*_{18}/T^*_u = 1,00, A_{1n}=0,014, A_{2n}=0,0048$$

$$T^*_{3,6}/T^*_u = 0,43, T^*_u=395,50, Y_u=18$$

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

0 1

$$L^*_u = 49, T^*_u = 396$$

Anwendungsbereich

0,1

-1

10

1

$x_u=1$

$x_w=5$

100 Y

2 log(Y)