

$\log(T^*/T^*_u)$ IECsRGBu5 relative Dreieckshelligkeit T^*/T^*_u

$Y_{nc}=L^*_{wRGBnc}=100, \textcolor{red}{52}, \textcolor{green}{87}, \textcolor{blue}{31}$

T^*/T^*_u

2 100

$$T^*_{IECsRGBu5} = 50(Y/Y_u)^{1/2,4} \quad (Y_u=18, Y_{nc}/100 < Y \leq Y_{nc})$$

$$T^*_{N(3,6)}=26, T^*_{u}(18)=50, T^*_{W}(90)=98$$

1 10

$$T^*_{90}/T^*_{u}=1,95, \gamma=2,4, 1/\gamma=1/2,4=0,41$$

$$T^*_{18}/T^*_{u}=1,00, S_u=50,00, D_u=-0,00$$

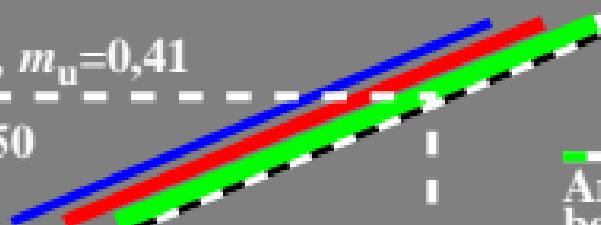
$$T^*_{3,6}/T^*_{u}=0,51, T^*_{u}=50,00, Y_u=18$$

0 -1

$$\log[T^*/T^*_u]=0, m_u=0,41$$

$$L^*_{u}=49, T^*_{u}=50$$

Anwendungsbereich



0,1

1

10

$Y_u=18$

$Y_W=90$

-1

0

$Y_N=3,6$

1

2

$\log(Y)$