

$\log(t^*)$

LABJNDu5-Dreieckshelligkeit  $t^*$

$Y_{nc} = Y_W$  RGB  $nc = 100, 21, 72, 7$

$t^*$

4 10000

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

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

$$t^*_{N(3,6)} = 219, t^*_{u(18)} = 498, t^*_{W(90)} = 776$$

3 1000

$$\log[t^*/t^*_u] = 0, m_u = 0,33$$

$$L^*_u = 49, t^*_u = 498$$

2 100

$$t^*_{90} = 776,82, A_{0n} = 1,0, A_{2u} = 0,1044, c_x = 1,00$$

$$t^*_{18} = 498,34, A_{1n} = 0,007, A_{2n} = 0,0058$$

$$t^*_{3,6} = 219,17, t^*_u = 498,34, Y_u = 18$$

--- Anwendungs-  
bereich

1 0,1 1 10 100  $y$

-2 -1 0 1 2  $\log(Y)$