

T^* LABJNDu7 triangle lightness T^* $Y_{nc} = L^*_{wRGBnc} = 100, 52, 87, 31$ T^*

4 10000

 $T^*_{LABJNDu7} = \ln(A_{1n} + A_{2n}Y) / (A_{2n}A_{0n}) \quad (Y_{nc}/100 < Y \leq Y_{nc})$ $T^*_{LABJNDu7} = \ln(A_{1n} + A_{2u}x) / (A_{2u}A_{0n}) \quad (x = Y/Y_u)$ $T^*_N(3,6) = 261, T^*_u(18) = 593, T^*_{w(90)} = 924$

3 1000

 $\log[T^*/T^*_u] = 0, m_u = 0,33$ $L^*_u = 49, T^*_u = 593$

2 100

 $T^*_{90} = 923,60, A_{1n} = 1, A_{2u} = 0,0876, c_x = 0,84$ $T^*_{18} = 593,26, A_{1n} = 0,014, A_{2n} = 0,0048$ $T^*_{3,6} = 260,92, T^*_{u(18)} = 593,26, Y_u = 18$

application range

1

0,1

1

10

 $x_u = 1$

100

 y

-2

-1

0

1

2

 $\log(Y)$