

log(L*) LABJND lightness

log(L*) L*

4 10000

$$L^*_{\text{LABJND}} = (A_0/A_2) \ln(A_1 + A_2 \cdot Y)$$

$$A_0 = 1,50 \quad A_1 = 0,0170 \quad A_2 = 0,0058$$

3 1000

$$L^*_u = 508, Y_u = 18, dY_u = 0.08, dY_u/Y_u = 0.004$$

$$\log(L^*_u) = 2.7, m_u = 0.43$$

2 100

1

-2

0,1

-1

1

0

Y_N=4

10

1

Y_u=18

100

2

Y

log(Y)

application range