

$l^*$ LABJND<sub>u2</sub> standard lightness  $l^*$ 

$$Y_{nc} = Y_{WRGBnc} = 100, 21, 72, 7$$

 $l^*$ 

4 10000

$$l^*_{LABJNDu2} = \ln(A_{1n} + A_{2n}Y) / (A_{2n}A_{0n}) \quad (Y_{nc}/100 < Y \leq Y_{nc})$$

$$l^*_{LABJNDu2} = \ln(A_{1n} + A_{2u}x) / (A_{2u}A_{0n}) \quad (x = Y/Y_u)$$

$$l^*_N(3,6) = 174, l^*_u(18) = 396, l^*_{W(90)} = 616$$

3 1000

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

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

2 100

1

0,1

-1

1

0,2

10

1

100

2

application range

 $x_u = 1$  $x_W = 5$ 

y

log(Y)