

l^* CIELABu2 standard lightness l^* $Y_{nc} = Y_{WRGBnc} = 100, 21, 72, 7$ 4
10000 $l^*_{CIELABu2} = 59(Y/Y_u)^{1/2,5} - 9 \quad (Y_u = 18, Y_{nc}/100 < Y \leq Y_{nc})$ $l^*_{N(3,6)} = 22, l^*_u(18) = 50, l^*_W(90) = 103$ 3
10002
100 $\log[l^*/l^*_u] = 0, m_u = 0,46$ $L^*_u = 49, l^*_u = 50$ application
range

1

0,1

1

10

100

 $Y_u = 18$

1000

 Y

-2

-1

0

 $Y_N = 3,6$

1

10

100

1000

2

 $\log(Y)$