

l^* CIELABu1 standard lightness l^* $Y_{nc}=Y_{WRGBnc}=100, 21, 72, 7$ l^*

150

 $l^*_{CIELABu1}=66(Y/Y_u)^{1/3,0}-16 \quad (Y_u=18, Y_{nc}/100 < Y \leq Y_{nc})$ $l^*_N(3,6)=23, l^*_u(18)=50, l^*_W(90)=97$

100

 $l^*_u=50,00, m_u=50,24$ $L^*_u=49, l^*_u=50$ application
range

0,1

10

1

 $Y_u=18$

100

 Y

-2

-1

0

 $Y_N=3,6$

1

 $Y_W=90$

2

 $\log(Y)$