

l^* IECsRGBu1 standard lightness l^* $Y_{nc}=Y_{wRGBnc}=100, 21, 72, 7$ l^*

150

 $l^*_{IECsRGBu1}=50(Y/Y_u)^{1/2,4} (Y_u=18, Y_{nc}/100 < Y \leq Y_{nc})$ $l^*_N(3,6)=26, l^*_u(18)=50, l^*_W(90)=98$

100

 $l^*_u=50,00, m_u=47,94$ $L^*_u=49, l^*_u=50$ application
range

0,1

1

10

1

10

100

Y

Y_u=18Y_W=90

2

log(Y)

 $Y_N=3,6$ $Y_W=90$