

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

 $l^*_{90}=97,77, \gamma=2,4, 1/\gamma=1/2,4=0,41$ $l^*_{18}=50,00, S_u=50,00, D_u=-0,00$ $l^*_{3,6}=25,51, l^*_u=50,00, Y_u=18$ $l^*_u=50,00, m_u=47,94$

50

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

0.1

1

10

 $Y_u=18$

100

 Y

-2

-1

0

 $Y_N=3,6$

1

 $Y_W=90$

2

 $\log(Y)$