

$l^*$ IECsRGBu4 standard lightness  $l^*$  $Y_{nc}=Y_{WRGBnc}=100, 21, 7$  $l^*$ 

4 10000

 $l^*_{IECsRGBu4}=50(Y/Y_u)^{1/1,2} (Y_u=18, Y_{nc}/100 < Y \leq Y_{nc})$  $l^*_{N(3,6)}=13, l^*_u(18)=50, l^*_{W(90)}=191$ 

3 1000

 $l^*_{90}=191,18, \gamma=1,2, 1/\gamma=1/1,2=0,83$  $l^*_{18}=50,00, S_u=50,00, D_u=-0,00$  $l^*_{3,6}=13,05, l^*_u=50,00, Y_u=18$ 

2 100

 $\log[l^*/l^*_u]=0, m_u=0,83$  $L^*_u=49, l^*_u=50$ application  
range

1

0,1

1

10

100

1000

Y

-2

-1

0

1 10 100

1000

log(Y)