

l^*/l_u^* CIELABn2 relative standard lightness l^*/l_n^* $Y_{nc}=Y_{WRGBnc}=100, 21, 72, 7$ l^*/l_u^*

2 100

 $l_{CIELABn2}^*=109(Y/Y_n)^{1/2,5-9} \quad (Y_n=100, Y_{nc}/100 < Y \leq Y_{nc})$ $l_{N(3,6)}^*=20, l_u^*(18)=46, l_{W(90)}^*=96$

1 10

 $l_{90}^*/l_u^*=2,06, \gamma=2,5, 1/\gamma=1/2,5=0,40$ $l_{18}^*/l_u^*=1,00, S_n=108,42, D_n=-8,42$ $l_{3,6}^*/l_u^*=0,43, l_n^*=46,18, Y_n=18$

0 1

 $\log[l^*/l_u^*]=0, m_u=0,47$ $L_u^*=49, l_u^*=46$ application
range

-1 -2 -1 0 1 10 100 Y

$Y_N=3,6$ $Y_u=18$ $Y_W=90$ 2 $\log(Y)$