

l^*/l_u^* CIELABu1 relative standard lightness l^*/l_u^* $Y_{nc}=Y_W$ **R** **G** **B** $nc=100, 21, 72, 7$ l^*/l_u^*

3

 $l_{CIELABu1}^*=66(Y/Y_u)^{1/3,0}-16$ ($Y_u=18, Y_{nc}/100<Y\leq Y_{nc}$) $l_{N(3,6)}^*=23, l_u^*(18)=50, l_W^*(90)=97$

2

 $l_{90}^*/l_u^*=1,93, \gamma=3,0, 1/\gamma=1/3,0=0,33$ $l_{18}^*/l_u^*=1,00, S_n=65,49, D_n=-15,49$ $l_{3,6}^*/l_u^*=0,45, l_u^*=50,00, Y_u=18$

1

application
range $l^*/l_u^*=0,1 m_u=-0,32$ 10 $Y_u=18$ 100 Y $L_u^*=49, l_u^*=50$ $Y_N=3,6$ 1 $Y_W=90$ 2 $\log(Y)$