

l^* LABJNDu1 standard lightness l^* $Y_{nc}=Y_{wRGBnc}=100, 21, 72, 7$ l^*

600

 $l^*_{LABJNDu1} = \ln(A_{1n} + A_{2n}Y) / (A_{2n}A_{0n}) \quad (Y_{nc}/100 < Y \leq Y_{nc})$ $l^*_{LABJNDu1} = \ln(A_{1n} + A_{2u}x) / (A_{2u}A_{0n}) \quad (x = Y/Y_u)$ $l^*_N(3,6)=146, l^*_u(18)=332, l^*_w(90)=517$

400

 $l^*_u=332,22, m_u=264,66$ $L^*_u=49, l^*_u=332$

200

application
range

0,1

1

10

100

 Y

-2

-1

0

 $x_N=0,2$

1

 $x_u=1$

2

 $\log(Y)$

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