

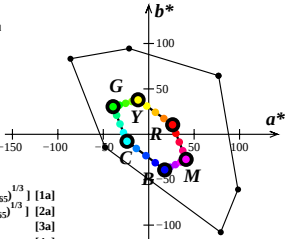
sRGB data *rgb**, *XYZxy*, and *LabC*h_{ab}* in the CIELAB-colour space

Tristimulus values of black and white: $Y_{Nn}=40,3$, $Y_{Wn}=88,6$, $Y_{Wa}=88,6$.

*LabC*h_{ab}* data

*rgb**_d *L**_d *a**_d *b**_d *C_{ab,d}* *h_{ab,d}*

R_d	1 0 0	76	26	10	28	21
Y_d	1 1 0	96	-11	37	39	107
G_d	0 1 0	91	-39	30	49	142
C_d	0 1 1	93	-23	-7	25	197
B_d	0 0 1	72	17	-39	42	294
M_d	1 0 1	79	41	-27	49	326
N_d	0 0 0	69	0	0	0	0
W_d	1 1 1	95	0	0	0	0



$$a^* = 500 \left[\left(\frac{X}{X_{D65}} \right)^{1/3} - \left(\frac{Y}{Y_{D65}} \right)^{1/3} \right] \quad [1a]$$

$$b^* = 200 \left[\left(\frac{Y}{Y_{D65}} \right)^{1/3} - \left(\frac{Z}{Z_{D65}} \right)^{1/3} \right] \quad [2a]$$

$$C^*_{ab} = \left[a^{*2} + b^{*2} \right]^{0,5} \quad [3a]$$

$$h_{ab} = \text{atan} \left[b^* / a^* \right] \quad [4a]$$