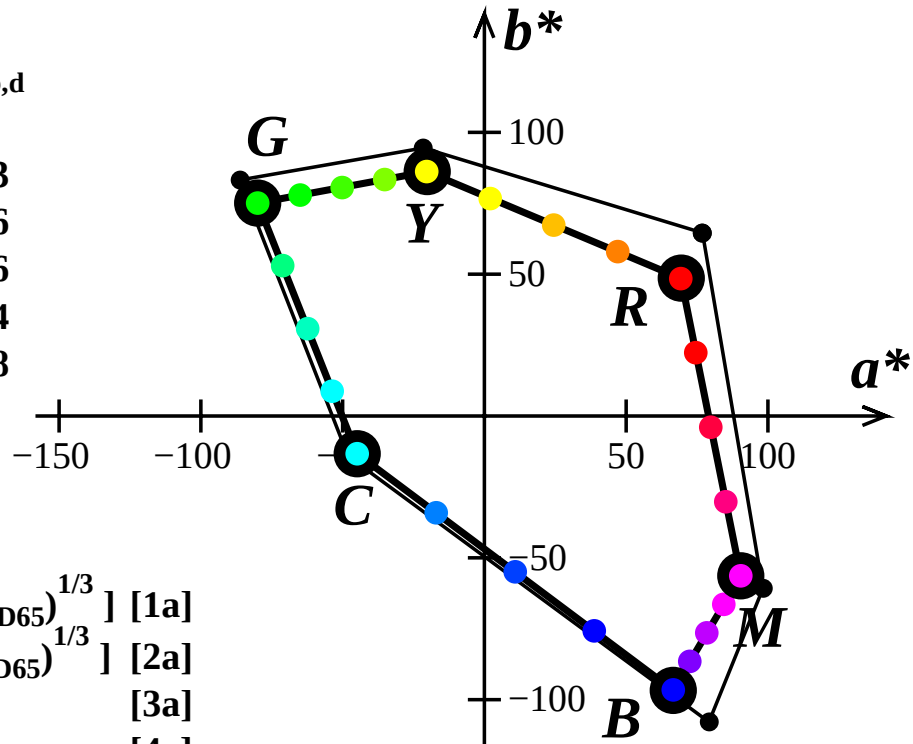
sRGB data *rgb**, *XYZxy*, and *LabC*h*$_{ab}$ in the CIELAB-colour space

Tristimulus values of black and white: Y_{Nn}=2,2, Y_{Wn}=79,9, Y_{Za}=18.

			*LabC*h*$_{ab}$ data				
	***rgb**$_d$**		L^*_d	a^*_d	b^*_d	$C^*_{ab,d}$	$h_{ab,d}$
R_d	**1**	**0**	**0**	50	69	48	84	**34**
Y_d	**1**	**1**	**0**	93	−20	86	88	**103**
G_d	**0**	**1**	**0**	84	−79	75	109	**136**
C_d	**0**	**1**	**1**	87	−44	−13	46	**196**
B_d	**0**	**0**	**1**	35	66	−96	117	**304**
M_d	**1**	**0**	**1**	59	90	−56	106	**328**
N_d	**0**	**0**	**0**	16	0	0	0	**19**
W_d	**1**	**1**	**1**	91	0	0	0	**0**



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

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

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

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