

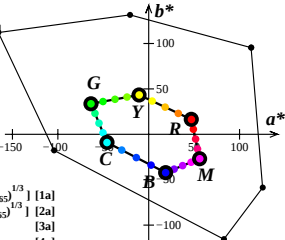
WCGa data rgb^* , XYZ_{xy} , and $LabC^*h_{ab}$ in the CIELAB-colour space

Tristimulus values of black and white: $Y_{Nn}=12,4$, $Y_{Wn}=39,7$, $Y_{Za}=18$.

$LabC^*h_{ab}$ data

rgb_d^* L_d^* a_d^* b_d^* $C_{ab,d}^*$ $h_{ab,d}$

R_d	1	0	0	51	46	16	49	19
Y_d	1	1	0	68	-10	43	44	103
G_d	0	1	0	62	-63	33	71	152
C_d	0	1	1	64	-45	-9	46	191
B_d	0	0	1	44	18	-42	46	293
M_d	1	0	1	53	56	-26	62	334
N_d	0	0	0	41	0	0	0	0
W_d	1	1	1	69	0	0	0	0



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

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

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

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