

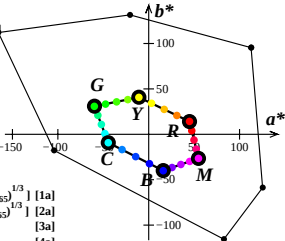
WCGa data rgb^* , XYZ_{xy} , and $LabC^*h_{ab}$ in the CIELAB-colour space

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	77	44	14	47	17
Y_d	1	1	0	94	-10	40	42	104
G_d	0	1	0	88	-59	30	67	152
C_d	0	1	1	90	-44	-9	45	191
B_d	0	0	1	71	15	-40	43	291
M_d	1	0	1	79	54	-26	60	334
N_d	0	0	0	69	0	0	0	0
W_d	1	1	1	95	0	0	0	0



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

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

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

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