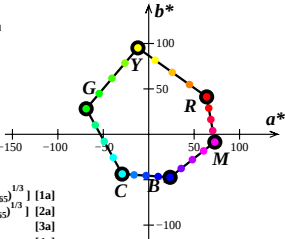


Offs-Daten rgb^* , $XYZxy$ und $LabC^*h_{ab}$ im CIELAB-Farbraum

Normfarbwerte von Schwarz und Weiß: $Y_N=0,0$, $Y_W=88,6$

$LabC^*h_{ab}$ -Daten

	rgb_d^*	L_d^*	a_d^*	b_d^*	$C_{ab,d}^*$	$h_{ab,d}$
R_d	1 0 0	47	63	41	76	32
Y_d	1 1 0	88	-11	95	95	97
G_d	0 1 0	51	-68	28	74	157
C_d	0 1 1	58	-29	-43	52	236
B_d	0 0 1	25	23	-47	52	296
M_d	1 0 1	48	72	-8	73	353
N_d	0 0 0	0	0	0	0	0
W_d	1 1 1	95	0	0	0	0



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

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

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

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