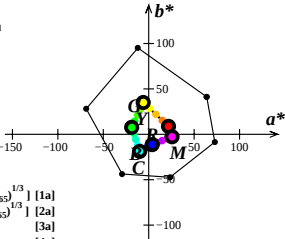


Offs-Daten rgb^* , $XYZxy$ und $LabC^*h_{ab}$ im CIELAB-Farbraum

Normfarbwerte von Schwarz und Weiß: $Y_{Nn}=12,4$, $Y_{Wn}=39,7$, $Y_{Za}=18$.

$LabC^*h_{ab}$ -Daten

	rgb_d^*	L_d^*	a_d^*	b_d^*	$C_{ab,d}^*$	$h_{ab,d}$
R_d	1 0 0	48	21	8	23	21
Y_d	1 1 0	65	-5	35	35	99
G_d	0 1 0	50	-18	7	20	157
C_d	0 1 1	52	-10	-18	21	241
B_d	0 0 1	43	3	-11	11	288
M_d	1 0 1	49	25	-2	25	354
N_d	0 0 0	41	0	0	0	0
W_d	1 1 1	69	0	0	0	0



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

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

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

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