

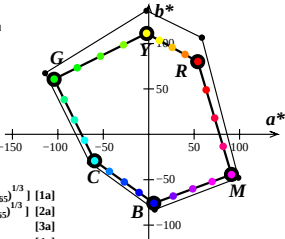
Ostwald-Daten rgb^* , XYZ_{xy} und $LabC^*h_{ab}$ im CIELAB-Farbraum

Normfarbwerte von Schwarz und Weiß: $Y_{Nn}=2,2$, $Y_{Wn}=79,9$, $Y_{Za}=18$.

$LabC^*h_{ab}$ -Daten

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

R_d	1	0	0	65	53	80	96	56
Y_d	1	1	0	84	-2	111	111	91
G_d	0	1	0	77	-104	60	120	149
C_d	0	1	1	74	-59	-29	66	206
B_d	0	0	1	47	5	-75	76	274
M_d	1	0	1	60	91	-44	101	334
N_d	0	0	0	16	0	0	0	19
W_d	1	1	1	91	0	0	0	0



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

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

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

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