

WCGa-Daten rgb^* , XYZ_{xy} 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}

R_d 1 0 0 55 112 95 147 40

Y_d 1 1 0 93 -20 131 133 98

G_d 0 1 0 81 -165 112 199 145

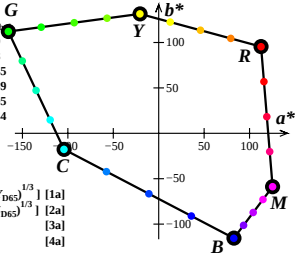
C_d 0 1 1 85 -104 -17 105 189

B_d 0 0 1 27 82 -115 142 305

M_d 1 0 1 60 125 -58 138 334

N_d 0 0 0 0 0 0 0 0

W_d 1 1 1 95 0 0 0 0



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

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

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

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