

sRGB-Daten rgb^* , XYZ_{xy} und L^*ABCh_{AB1} im $L^*AB1JND$ -Farbraum

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

	rgb^*_d	L^*_d	$A_{1,d}$	$B_{1,d}$	$C_{AB1,d}$	$h_{AB1,d}$
R_d	1 0 0	50	46	18	50	21
Y_d	1 1 0	92	0	77	77	90
G_d	0 1 0	83	-47	58	75	129
C_d	0 1 1	86	-46	-18	50	201
B_d	0 0 1	30	0	-77	77	270
M_d	1 0 1	57	47	-58	75	309
N_d	0 0 0	0	0	0	0	0
W_d	1 1 1	95	0	0	0	0

$$a_1 = a_{20} [(x - x_c) / y]$$

$$b_1 = b_{20} [z / y]$$

$$a_{20} = 1, \quad b_{20} = -0,4$$

$$x_c = 0,110, \quad B_c = 1,000$$

$$A_1 = 2,5 (a_1 - a_{1,n}) Y \tag{1c}$$

$$B_1 = 2,5 B_c (b_1 - b_{1,n}) Y \tag{2c}$$

$$C_{AB1} = [A_1^2 + B_1^2]^{0,5} \tag{3c}$$

$$h_{AB1} = \text{atan} [B_1 / A_1] \tag{4c}$$

