

sRGB* data *rgb**, *XYZxy*, and *L*ABCh_{AB1}* in *L*AB1JND-colour space

Tristimulus values of black and white: $Y_N=0,0$, $Y_W=88,6$

	<i>rgb*</i> _d	<i>L*</i> _d	<i>A</i> _{1,d}	<i>B</i> _{1,d}	<i>C</i> _{AB1,d}	<i>h</i> _{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

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

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

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

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

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

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

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

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

