

sRGB data rgb^* , XYZ_{xy} , and L^*ABCh_{AB2} in $L^*AB2JND$ -colour space

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

	rgb^*_d	L^*_d	$A_{2,d}$	$B_{2,d}$	$C_{AB2,d}$	$h_{AB2,d}$
R_d	1 0 0	50	46	15	48	17
Y_d	1 1 0	92	0	61	61	90
G_d	0 1 0	83	-47	46	66	135
C_d	0 1 1	86	-46	-15	49	197
B_d	0 0 1	30	0	-61	61	270
M_d	1 0 1	57	47	-46	66	315
N_d	0 0 0	0	0	0	0	0
W_d	1 1 1	95	0	0	0	0

$$a_2 = a_{20} [(x - x_c) / y]$$

$$b_2 = b_{20} [z / y]$$

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

$$x_c = 0,110, \quad B_c = 0,800$$

$$A_2 = 2,5 (a_2 - a_{2,n}) Y \quad [1d]$$

$$B_2 = 2,5 B_c (b_2 - b_{2,n}) Y \quad [2d]$$

$$C_{AB2} = [A_2^2 + B_2^2]^{0,5} \quad [3d]$$

$$h_{AB2} = \text{atan} [B_2 / A_2] \quad [4d]$$

