

Ostwald data rgb^* , XYZ_{xy} , and L^*ABCh_{AB1} in L^*AB1 JND-colour space

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

	rgb^*_d	L^*_d	$A_{1,d}$	$B_{1,d}$	$C_{AB1,d}$	$h_{AB1,d}$
R_d	1 0 0	67	55	39	68	35
Y_d	1 1 0	88	18	77	80	76
G_d	0 1 0	80	-61	49	79	141
C_d	0 1 1	77	-55	-39	68	215
B_d	0 0 1	46	-18	-77	80	256
M_d	1 0 1	62	61	-49	79	321
N_d	0 0 0	0	0	0	0	0
W_d	1 1 1	95	0	0	0	0

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

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

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

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

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

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

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

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

