

WCGa data rgb^* , $XYZxy$, 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 55 83 20 85 13

Y_d 1 1 0 93 2 70 70 88

G_d 0 1 0 81 -81 50 95 148

C_d 0 1 1 85 -85 -19 87 192

B_d 0 0 1 27 -2 -70 70 268

M_d 1 0 1 60 81 -50 95 328

N_d 0 0 0 0 0 0 0 0

W_d 1 1 1 95 0 0 0 0

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

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

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

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

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

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

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

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

