

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

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

$rgb^*_d L_d^* A_{1,d} B_{1,d} C_{AB1,d} h_{AB1,d}$

$R_d \ 1 \ 0 \ 0 \ 67 \ 55 \ 39 \ 68 \ 35$

$Y_d \ 1 \ 1 \ 0 \ 88 \ 18 \ 77 \ 80 \ 76$

$G_d \ 0 \ 1 \ 0 \ 80 \ -61 \ 49 \ 79 \ 141$

$C_d \ 0 \ 1 \ 1 \ 77 \ -55 \ -39 \ 68 \ 215$

$B_d \ 0 \ 0 \ 1 \ 46 \ -18 \ -77 \ 80 \ 256$

$M_d \ 1 \ 0 \ 1 \ 62 \ 61 \ -49 \ 79 \ 321$

$N_d \ 0 \ 0 \ 0 \ 0 \ 0 \ 0 \ 0 \ 0$

$W_d \ 1 \ 1 \ 1 \ 95 \ 0 \ 0 \ 0 \ 0$

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

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

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

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

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

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

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

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

