

WCGa-Daten rgb^* , $XYZxy$ und L^*ABCh_{AB1} im $L^*AB1JND$ -Farbraum

Normfarbwerte von Schwarz und Weiß: $Y_N=0,0$, $Y_W=88,6$

| | rgb^*_d | L^*_d | $A_{1,d}$ | $B_{1,d}$ | $C_{AB1,d}$ | $h_{AB1,d}$ |
|-------|-----------|---------|-----------|-----------|-------------|-------------|
| R_d | 1 0 0 | 55 | 83 | 25 | 87 | 16 |
| Y_d | 1 1 0 | 93 | 2 | 88 | 88 | 88 |
| G_d | 0 1 0 | 81 | -81 | 62 | 102 | 142 |
| C_d | 0 1 1 | 85 | -85 | -24 | 88 | 195 |
| B_d | 0 0 1 | 27 | -2 | -88 | 88 | 268 |
| M_d | 1 0 1 | 60 | 81 | -62 | 102 | 322 |
| N_d | 0 0 0 | 0 | 0 | 0 | 0 | 0 |
| W_d | 1 1 1 | 95 | 0 | 0 | 0 | 0 |

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

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

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

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

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

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

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

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

