

$XYZ_W=95.04, 100.0, 108.89$

$A_2 = 2,5 (a_2 - a_{2,n}) Y$

$B_2 = 2,5 (b_2 - b_{2,n}) Y$

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

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

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

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

$C_{AB2} = [A_2^2 + B_2^2]^{1/2}$

6 Ostwald-Farben (o),  $C_{AB,2} = \text{const}$

Farbenraum ( $C_{AB,2}, L_{Clr}^*$ )

$L_{Clr}^* = L_{CIE}^*(Y) / L_{CIE}^*(18)$

Lichtart D65,  $Y_W=72.0, Y_N=4.5$

| Name    | Bereich | X     | Y     | Z     | x     | y     | $\lambda_d$ | $\lambda_c$ | $a_2$ | $b_2$  | $c_2$ | $A_2$ | $B_2$ | $C_{AB,2}$ | $h_{AB,2}$ | $Y_r$ | $L_{CIE}^*$ | $L_{Clr}^*$ | $L_{Tur}^*$ | $L_{Tar}^*$ |
|---------|---------|-------|-------|-------|-------|-------|-------------|-------------|-------|--------|-------|-------|-------|------------|------------|-------|-------------|-------------|-------------|-------------|
| $R_n$   | 567_775 | 40.07 | 27.07 | 4.43  | 0.559 | 0.378 | 596         | 489         | 1.189 | -0.052 | 0.645 | 38.7  | 20.0  | 43.6       | 27         | 1.5   | 59.0        | 59.6        | 60.1        | 58.7        |
| $Y_n^o$ | 493_775 | 50.69 | 61.31 | 8.51  | 0.42  | 0.508 | 570         | 463         | 0.61  | -0.044 | 0.304 | -0.8  | 46.6  | 46.6       | 91         | 3.4   | 82.5        | 83.3        | 80.4        | 74.3        |
| $G_n^o$ | 493_567 | 14.47 | 38.28 | 8.48  | 0.236 | 0.625 | 535         | 535         | 0.202 | -0.07  | 0.498 | -39.6 | 26.5  | 47.7       | 146        | 2.12  | 68.2        | 68.9        | 68.7        | 65.8        |
| $C_n^o$ | 380_567 | 25.36 | 41.77 | 70.53 | 0.184 | 0.303 | 489         | 596         | 0.244 | -0.54  | 0.418 | -38.7 | -20.0 | 43.6       | 207        | 2.32  | 70.7        | 71.4        | 70.9        | 67.5        |
| $B_n^o$ | 380_493 | 14.73 | 7.53  | 66.45 | 0.166 | 0.084 | 463         | 570         | 0.66  | -2.82  | 2.472 | 0.8   | -46.6 | 46.6       | 271        | 0.41  | 33.0        | 33.3        | 28.3        | 31.9        |
| $M_n^o$ | 567_493 | 50.96 | 30.56 | 66.48 | 0.344 | 0.206 | 535         | 535         | 1.134 | -0.696 | 0.624 | 39.6  | -26.5 | 47.7       | 326        | 1.69  | 62.1        | 62.7        | 63.1        | 61.3        |
| $W_n^o$ | 380_775 | 68.43 | 72.0  | 78.4  | 0.312 | 0.329 | 72%         |             | 0.616 | -0.348 | 0.01  | 0.0   | 0.0   | 0.0        | 0          | 4.0   | 87.9        | 88.8        | 84.4        | 76.9        |
| $N_n^o$ | 380_775 | 4.27  | 4.5   | 4.9   | 0.312 | 0.329 | 4%          |             | 0.616 | -0.348 | 0.01  | 0.0   | 0.0   | 0.0        | 180        | 0.25  | 25.2        | 25.5        | 15.5        | 23.0        |
| $U_n^o$ | 380_775 | 17.1  | 18.0  | 19.6  | 0.312 | 0.329 | 18%         |             | 0.616 | -0.348 | 0.01  | 0.0   | 0.0   | 0.0        | 180        | 1.0   | 49.5        | 50.0        | 50.0        | 50.0        |

