

$XYZ_W=95.04, 100.0, 108.89$

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

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

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

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

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

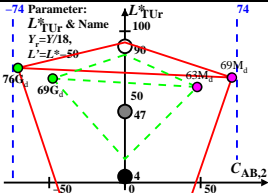
$x_c = 0,110, B_c = 0,800$

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

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

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

$L_{TUR}^* = 50 + 40[Y_r / \log(5)]$



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

| Name           | Bereich | X     | Y     | Z     | x     | y        | $\lambda_d$ | $\lambda_c$ | $a_2$  | $b_2$  | $A_2$ | $B_2$ | $C_{AB,2}$ | $h_{AB,2}$ | $Y_r$ | $L_{TUR}^*$ | $L_{CR}^*$ | $L_{TUR}^*$ | $L_{TA}^*$ |
|----------------|---------|-------|-------|-------|-------|----------|-------------|-------------|--------|--------|-------|-------|------------|------------|-------|-------------|------------|-------------|------------|
| R <sub>n</sub> | 567_775 | 40.07 | 27.07 | 4.43  | 0.559 | 0.378596 | 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 <sub>n</sub> | 493_775 | 50.69 | 61.31 | 8.51  | 0.42  | 0.508570 | 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 <sub>n</sub> | 493_567 | 14.47 | 38.28 | 8.48  | 0.236 | 0.625535 | 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 <sub>n</sub> | 380_567 | 25.36 | 41.77 | 70.53 | 0.184 | 0.303489 | 596         | 0.244       | -0.54  | 0.413  | -38.7 | -20.0 | 43.6       | 207        | 2.72  | 70.7        | 71.4       | 70.9        | 67.5       |
| B <sub>n</sub> | 380_493 | 14.73 | 7.53  | 66.45 | 0.166 | 0.084463 | 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 <sub>n</sub> | 567_493 | 50.96 | 30.56 | 66.48 | 0.344 | 0.206535 | 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 <sub>n</sub> | 380_775 | 68.43 | 72.0  | 78.4  | 0.312 | 0.329    | 72%         |             | 0.616  | -0.348 | 0.01  | 0.0   | 0.0        | 0          | 4.0   | 87.9        | 88.8       | 84.4        | 76.9       |
| N <sub>d</sub> | 380_775 | 4.27  | 4.5   | 4.9   | 0.312 | 0.329    | 4%          |             | 0.616  | -0.348 | 0.01  | 0.0   | 0.0        | 180        | 0.25  | 25.2        | 25.5       | 15.5        | 23.0       |
| U <sub>d</sub> | 380_775 | 17.1  | 18.0  | 19.6  | 0.312 | 0.329    | 18%         |             | 0.616  | -0.348 | 0.01  | 0.0   | 0.0        | 180        | 1.0   | 49.5        | 50.0       | 50.0        | 50.0       |