

$XYZ_W=95.04, 100.0, 108.89$

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

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

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

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

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

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

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

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

Farbenraum ( $C_{AB,2}, Y$ )

$Y = 18Y_r$

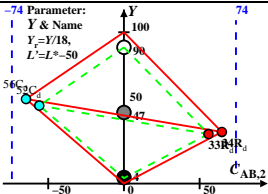
-74 Parameter:

Y & Name

$Y_r = Y/18,$

$L' = L^* - 50$

74



Lichtart D65,  $Y_W=90.0, Y_N=3.6$

| Name           | Bereich | X     | Y     | Z     | x     | y     | $\lambda_d$ | $\lambda_c$ | $a_2$ | $b_2$  | $c_2$ | $A_2$ | $B_2$ | $C_{AB,2}$ | $h_{AB,2}$ | $Y_r$ | $L'_{CIE}$ | $L'_{Cl}$ | $L'_{Tu}$ | $L'_{Tar}$ |
|----------------|---------|-------|-------|-------|-------|-------|-------------|-------------|-------|--------|-------|-------|-------|------------|------------|-------|------------|-----------|-----------|------------|
| R <sub>a</sub> | 567_775 | 49.44 | 32.71 | 3.56  | 0.576 | 0.381 | 596         | 489         | 1.223 | -0.034 | 0.683 | 49.6  | 25.6  | 55.8       | 27         | 1.81  | 13.9       | 14.5      | 14.8      | 12.6       |
| Y <sub>a</sub> | 493_775 | 63.04 | 76.53 | 8.77  | 0.424 | 0.515 | 570         | 463         | 0.61  | -0.036 | 0.311 | -1.0  | 59.6  | 59.6       | 91         | 4.25  | 40.1       | 41.0      | 35.9      | 27.8       |
| G <sub>a</sub> | 493_567 | 16.67 | 47.05 | 8.74  | 0.23  | 0.649 | 535         | 40.184      |       | -0.059 | 0.519 | -50.7 | 33.9  | 61.0       | 146        | 2.61  | 24.2       | 24.9      | 23.8      | 19.7       |
| C <sub>a</sub> | 380_567 | 30.61 | 51.52 | 88.16 | 0.179 | 0.302 | 489         | 596         | 0.23  | -0.547 | 0.433 | -49.6 | -25.6 | 55.8       | 207        | 2.86  | 26.9       | 27.7      | 26.1      | 21.3       |
| B <sub>a</sub> | 380_493 | 17.01 | 7.7   | 82.95 | 0.158 | 0.071 | 463         | 570         | 0.671 | -3.444 | 3.096 | 1.0   | -59.6 | 59.6       | 271        | 0.42  | -16.6      | -16.2     | -21.0     | -17.6      |
| M <sub>a</sub> | 567_493 | 63.38 | 37.18 | 82.98 | 0.345 | 0.202 | 535         | 535         | 1.161 | -0.714 | 0.656 | 50.7  | -33.9 | 61.0       | 326        | 2.06  | 17.4       | 18.0      | 18.0      | 15.2       |
| W <sub>d</sub> | 380_775 | 85.53 | 90.0  | 98.0  | 0.312 | 0.329 | 90%         |             | 0.616 | -0.348 | 0.01  | 0.0   | 0.0   | 0.0        | 0          | 4.99  | 45.9       | 46.9      | 40.0      | 30.1       |
| N <sub>d</sub> | 380_775 | 3.42  | 3.6   | 3.92  | 0.312 | 0.329 | 3%          |             | 0.616 | -0.348 | 0.01  | 0.0   | 0.0   | 0.0        | 180        | 0.19  | -27.6      | -27.4     | -40.0     | -30.1      |
| 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   | 0.0        | 184        | 1.0   | -0.4       | 0.0       | 0.0       | 0.0        |

fge00-5a