

$XYZ_W=96.42, 100.0, 82.49$

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

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

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

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

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

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

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

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

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

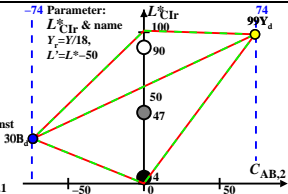
$L_{Clr}^* = L_{CIE}^*(Y) / L_{CIE}^*(18)$

-74 Parameter:

$L_{Clr}^*$  & name

$Y_r = Y/18,$

$L' = L^* - 50$



Illumin. D50,  $Y_W=100.0, Y_N=0.1$

| Name  | Range   | X     | Y     | Z     | x     | y        | $\lambda_d$ | $\lambda_c$ | $a_2$  | $b_2$ | $c_2$ | $A_2$ | $B_2$ | $C_{AB,2}$ | $h_{AB,2}$ | $Y_r$ | $L_{CIE}^*$ | $L_{Clr}^*$ | $L_{Tur}^*$ | $L_{Tar}^*$ |
|-------|---------|-------|-------|-------|-------|----------|-------------|-------------|--------|-------|-------|-------|-------|------------|------------|-------|-------------|-------------|-------------|-------------|
| $R_n$ | 570_775 | 64.89 | 39.99 | 0.05  | 0.618 | 0.381598 | 491         | 1.333       | 0.0    | 0.752 | 67.6  | 32.9  | 75.2  | 25         | 2.22       | 69.4  | 70.1        | 69.8        | 66.6        |             |
| $Y_n$ | 496_775 | 83.1  | 94.03 | 4.27  | 0.458 | 0.518573 | 468         | 0.671       | -0.018 | 0.312 | 3.3   | 73.3  | 73.3  | 87         | 5.22       | 97.6  | 98.6        | 91.0        | 80.7        |             |
| $G_n$ | 496_570 | 18.21 | 54.04 | 4.22  | 0.238 | 0.706538 | 538         | 0.181       | -0.031 | 0.562 | -64.3 | 40.3  | 75.9  | 147        | 3.0        | 78.4  | 79.2        | 77.3        | 72.2        |             |
| $C_n$ | 380_570 | 31.53 | 60.01 | 82.44 | 0.181 | 0.344491 | 598         | 0.206       | -0.549 | 0.501 | -67.6 | -32.9 | 75.2  | 205        | 3.33       | 81.8  | 82.6        | 79.9        | 73.9        |             |
| $B_n$ | 380_496 | 13.32 | 5.97  | 78.23 | 0.136 | 0.061468 | 573         | 0.434       | -5.235 | 4.91  | -3.3  | -73.3 | 73.3  | 267        | 0.33       | 29.3  | 29.6        | 22.6        | 27.7        |             |
| $M_n$ | 570_496 | 78.21 | 45.96 | 78.28 | 0.386 | 0.227538 | 538         | 1.217       | -0.681 | 0.66  | 64.3  | -40.3 | 75.9  | 327        | 2.55       | 73.5  | 74.2        | 73.3        | 69.3        |             |
| $W_n$ | 380_775 | 96.42 | 100.0 | 82.49 | 0.345 | 0.358    | 100%        | 0.657       | -0.329 | 0.01  | 0.0   | 0.0   | 0.0   | 0          | 5.55       | 100.0 | 101.092     | 6           | 81.5        |             |
| $N_n$ | 380_775 | 0.0   | 0.01  | 0.0   | 0.344 | 0.357    | 0%          | 0.656       | -0.329 | 0.01  | 0.0   | 0.0   | 0.0   | 0.0        | 180        | 0.0   | 0.0         | 0.0         | -136.201    |             |
| $U_n$ | 380_775 | 17.35 | 18.0  | 14.84 | 0.345 | 0.358    | 18%         | 0.657       | -0.329 | 0.01  | 0.0   | 0.0   | 0.0   | 0.0        | 180        | 1.0   | 49.5        | 50.0        | 50.0        | 50.0        |