

$XYZ_W=109.84, 99.99, 35.58$

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

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

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

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

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

$x_c = 0,110, B_c = 2,500$

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

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

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

$L_{TAR}^* = 50 + 50[e^x + e^{-x}] / [e^x + e^{-x}]$

$Y_r = Y / 18, x = \log[Y_r]$

Illumin. A00, $Y_W = 54.0, Y_N = 6.0$

Name Range X Y Z x y λ_d λ_c a_2 b_2 c_2 A_2 B_2 $C_{AB,2}$ $h_{AB,2}$ Y_r L_{CIE}^* L_{CIr}^* L_{Tur}^* L_{TAR}^*

R_n 579_775 40.44 23.98 1.93 0.609 0.361605 499 1.381 -0.08 0.618 33.1 16.4 37.0 26 1.33 56.0 56.6 57.1 56.1

Y_n 504_775 51.06 46.86 2.93 0.506 0.464581 474 0.852 -0.062 0.294 2.8 34.3 34.4 85 2.6 74.1 74.8 73.7 69.6

G_n 504_579 16.55 28.28 2.91 0.346 0.592547 547 0.399 -0.103 0.497 -30.3 17.8 35.1 149 1.57 60.1 60.7 61.2 59.6

C_n 380_579 18.87 30.01 17.27 0.285 0.453499 605 0.386 -0.575 0.493 -33.1 -16.4 37.0 206 1.66 61.6 62.2 62.7 60.9

B_n 380_504 8.25 7.13 16.28 0.26 0.225474 581 0.668 -2.281 1.932 -2.8 -34.3 34.4 265 0.39 32.1 32.4 27.0 30.9

M_n 579_504 42.76 25.71 16.3 0.504 0.303547 547 1.3 -0.633 0.547 30.3 -17.8 35.1 329 1.42 57.7 58.3 58.8 57.6

W_n 380_775 59.31 53.99 19.21 0.447 0.407 54% 0.828 -0.355 0.01 0.0 0.0 0.0 0 3.0 78.4 79.2 77.3 72.1

N_n 380_775 6.59 5.99 2.13 0.447 0.407 6% 0.828 -0.355 0.01 0.0 0.0 0.0 176 0.33 29.4 29.7 22.6 27.8

U_n 380_775 19.77 17.99 6.4 0.447 0.407 18% 0.828 -0.355 0.01 0.0 0.0 0.0 163 1.0 49.5 50.0 50.0 50.0

