

$XYZ_W=109.84, 99.99, 35.58$

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

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

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

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

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

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

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

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

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

$L_{CIE}^* = 116(Y/100)^{1/3} - 16$ ($Y > 0,8856$) of

$L_{CIE}^* = 116[(841/108)(Y/100) + 4/29] - 16$

Illumin. A00, $Y_W=90.0, Y_N=3.6$

-74 Parameter:

L_{CIE}^* & name

$Y_r = Y/18,$

$L' = L^* - 50$

L_{CIE}^*

100

90

50

47

4

74

95Y

98Y_d

32B

24B

$C_{AB,2}$



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_{CIE}^*	L_{Tur}^*	L_{Tar}^*
R _n	579_775	72.97	40.76	1.31	0.634	0.354605	499	1.479	-0.032	0.727	66.3	32.9	74.0	26	2.26	70.0	70.7	70.3	67.0	
Y _n	504_775	94.21	86.52	3.29	0.511	0.47	581	474	0.854	-0.038	0.318	5.7	68.7	68.9	85	4.8	94.5	95.4	89.0	79.6
G _n	504_579	25.19	49.36	3.26	0.323	0.634547	547	40.337	-0.066	0.57	-60.6	35.7	70.3	149	2.74	75.6	76.4	75.0	70.6	
C _n	380_579	29.84	52.83	31.98	0.26	0.46	499	605	0.326	-0.605	0.561	-66.3	-32.9	74.0	206	2.93	77.7	78.5	76.7	71.8
B _n	380_504	8.6	7.07	30.0	0.188	0.154474	581	0.505	-4.241	3.898	-5.7	-68.7	68.9	265	0.39	31.9	32.3	26.7	30.7	
M _n	579_504	77.62	44.23	30.04	0.51	0.291547	547	1.376	-0.679	0.636	60.6	-35.7	70.3	329	2.45	72.3	73.1	72.3	68.5	
W _n	380_775	98.86	89.99	32.02	0.447	0.407	90%		0.828	-0.355	0.01	0.0	0.0	0.0	0	4.99	95.9	96.9	90.0	80.1
N _d	380_775	3.95	3.59	1.28	0.447	0.407	3%		0.828	-0.355	0.01	0.0	0.0	0.0	181	0.19	22.3	22.5	9.9	19.8
U _d	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	180	1.0	49.5	50.0	50.0	50.0