

$XYZ_W=109.84, 99.99, 35.58$

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

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

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

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

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

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

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

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^*_{Clr}	L^*_{TAr}	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	6.0	6.6	7.1	6.1	
Y_n^o	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	24.1	24.8	23.7	19.6	
G_n^o	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	10.1	10.7	11.2	9.6	
C_n^o	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	11.6	12.2	12.7	10.9	
B_n^o	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	-17.8	-17.5	-22.9	-19.0	
M_n^o	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	7.7	8.3	8.8	7.6	
W_n^o	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	28.4	29.2	27.3	22.1	
N_n^o	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	-20.5	-20.2	-27.3	-22.1	
U_n^o	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	-0.4	0.0	0.0	0.0	

