

$XYZ_W=95.04, 100.0, 108.89$

$A_2 = 2.5 (a_2 - a_{2n}) Y$

$B_2 = 2.5 (b_2 - b_{2n}) Y$

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

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

$a_{20} = 1, b_{20} = -0.4$

$x_c = 0.110, B_c = 0.800$

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

6 Ostwald colours (o), $C_{AB,2} = \text{const}$
colour space ($C_{AB,2}, L_{\text{Tar}}^*$)

$L_{\text{Tar}}^* = 50 + 50[e^x + e^{-x}] / [e^x + e^{-x}]$

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

Illumin. D65, $Y_W = 54.0, Y_c = 6.0$

Name Range X Y_W Z x N_y λ_g λ_c a_2 b_2 c_2 A_2 B_2 $C_{AB,2}$ L_{Tar}^* L_{CIE}^* L_{UV}^* L_{Tar}^*

R	567	775	30.89	21.77	5.9	0.527	0.371	1596	489	1.122	-0.086	0.57	27.5	14.2	31.0	27	1.2	53.7	54.3	54.7	54.1	
Y	493	775	44.44	46.11	8.79	0.411	0.493	570	463	0.61	-0.061	0.287	-0.5	33.1	33.1	9.1	2.56	73.6	74.3	73.3	69.3	
G	493	567	12.68	29.71	8.77	0.247	0.58	535	535	0.237	-0.094	0.456	-28.1	18.8	33.9	146	1.65	61.4	62.0	62.4	60.7	
C	380	567	20.43	32.22	52.9	0.193	0.305	489	596	0.273	-0.525	0.385	-27.5	-14.2	31.0	207	1.79	63.5	64.1	64.4	62.3	
B	380	493	12.87	7.88	50.0	0.181	0.111	463	570	0.646	-2.03	1.682	0.5	-33.1	33.1	271	0.43	33.7	34.0	29.4	32.7	
M	567	493	38.63	24.25	50.0	0.02	0.342	0.214	535	535	1.08	-0.659	0.559	28.1	-18.8	33.9	326	1.34	56.3	56.9	57.4	56.4
W	380	775	51.32	54.0	58.8	0.312	0.329	546	0.616	-0.348	0.01	0.0	0.0	0.0	0.0	3.0	78.4	79.2	77.3	72.1		
N	380	775	5.7	6.0	6.53	0.312	0.329	6.0	0.616	-0.348	0.01	0.0	0.0	0.0	0.0	178	0.33	29.4	29.7	22.6	27.8	
U	380	775	17.1	18.0	19.6	0.312	0.329	18.0	0.616	-0.348	0.01	0.0	0.0	0.0	0.0	180	1.0	49.5	50.0	50.0	50.0	

fec91-5a

-74 Parameter:

L_{Tar}^* & name

$Y_c = Y/18,$

$L^* = L^* - 50$

73C_d

62C_d

47

54R_d

64R_d

90

100

$C_{AB,2}$

50

4

74

100

90

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$XYZ_W=96.42, 100.0, 82.49$

$A_2 = 2.5 (a_2 - a_{2n}) Y$

$B_2 = 2.5 (b_2 - b_{2n}) Y$

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

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

$a_{20} = 1, b_{20} = -0.4$

$x_c = 0.110, B_c = 1.000$

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

6 Ostwald colours (o), $C_{AB,2} = \text{const}$
colour space ($C_{AB,2}, L_{\text{Tar}}^*$)

$L_{\text{Tar}}^* = 50 + 50[e^x + e^{-x}] / [e^x + e^{-x}]$

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

Illumin. D50, $Y_W = 54.0, Y_c = 6.0$

Name Range X Y_W Z x N_y λ_g λ_c a_2 b_2 c_2 A_2 B_2 $C_{AB,2}$ L_{Tar}^* L_{CIE}^* L_{UV}^* L_{Tar}^*

R	570	775	33.24	22.67	4.47	0.55	0.375	598	491	1.172	-0.078	0.573	29.2	14.2	32.5	25	1.25	54.7	55.2	55.7	54.9
Y	496	775	41.1	46.02	6.29	0.44	0.492	573	468	0.669	-0.054	0.275	1.4	31.6	31.7	8.7	2.55	73.5	74.3	73.3	69.3
G	496	570	13.07	28.74	6.27	0.271	0.597	538	538	0.27	-0.087	0.456	-27.7	17.4	32.8	147	1.59	60.5	61.1	61.6	60.0
C	380	570	20.43	32.22	52.9	0.193	0.305	489	596	0.273	-0.525	0.385	-27.5	-14.2	31.0	207	1.79	63.5	64.1	64.4	62.3
B	380	496	10.96	7.97	38.25	0.191	0.139	468	573	0.585	-1.917	1.589	-1.4	-31.6	31.7	267	0.44	33.9	34.2	29.7	33.0
M	570	496	38.99	25.25	38.27	0.38	0.246	538	538	1.097	-0.606	0.519	27.7	-17.4	32.8	327	1.4	57.3	57.9	58.4	57.3
W	380	775	52.06	54.0	44.54	0.345	0.358	546	0.657	-0.329	0.01	0.0	0.0	0.0	0.0	3.0	78.4	79.2	77.3	72.1	
N	380	775	5.78	6.0	4.94	0.345	0.358	6.0	0.657	-0.329	0.01	0.0	0.0	0.0	0.0	181	0.33	29.4	29.7	22.6	27.8
U	380	775	17.35	18.0	14.84	0.345	0.358	18.0	0.657	-0.329	0.01	0.0	0.0	0.0	0.0	201	1.0	49.5	50.0	50.0	50.0

fec91-6a

-74 Parameter:

L_{Tar}^* & name

$Y_c = Y/18,$

$L^* = L^* - 50$

72C_d

62C_d

47

55R_d

65R_d

90

100

$C_{AB,2}$

50

4

74

100

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$XYZ_W=100.93, 100.0, 64.68$

$A_2 = 2.5 (a_2 - a_{2n}) Y$

$B_2 = 2.5 (b_2 - b_{2n}) Y$

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

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

$a_{20} = 1, b_{20} = -0.4$

$x_c = 0.110, B_c = 1.300$

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

6 Ostwald colours (o), $C_{AB,2} = \text{const}$
colour space ($C_{AB,2}, L_{\text{Tar}}^*$)

$L_{\text{Tar}}^* = 50 + 50[e^x + e^{-x}] / [e^x + e^{-x}]$

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

Illumin. P40, $Y_W = 54.0, Y_c = 6.0$

Name Range X Y_W Z x N_y λ_g λ_c a_2 b_2 c_2 A_2 B_2 $C_{AB,2}$ L_{Tar}^* L_{CIE}^* L_{UV}^* L_{Tar}^*

R	573	775	35.77	23.17	3.51	0.572	0.371	1600	493	1.247	-0.078	0.589	30.7	14.9	34.1	25	1.28	55.2	55.8	56.2	55.4
Y	498	775	44.58	46.59	5.24	0.462	0.483	576	468	0.729	-0.058	0.278	1.4	32.3	32.3	8.7	2.58	73.9	74.6	73.6	69.5
G	498	573	14.26	28.81	5.22	0.295	0.596	540	540	0.31	-0.099	0.443	-29.2	17.4	34.0	149	1.6	60.6	61.2	61.6	60.0
C	380	573	18.72	30.82	31.42	0.231	0.38	493	600	0.318	-0.529	0.473	-30.7	-14.9	34.1	205	1.71	62.2	62.9	63.3	61.4
B	380	498	9.91	7.4	29.68	0.21	0.157	468	576	0.64	-2.083	1.748	-1.4	-32.3	32.3	267	0.41	32.7	33.0	27.9	31.6
M	573	498	40.24	25.18	29.7	0.423	0.264	540	540	1.182	-0.613	0.541	29.2	-17.4	34.0	329	1.39	57.2	57.8	58.3	57.2
W	380	775	54.5	54.0	34.93	0.379	0.376	546	0.717	-0.336	0.01	0.0	0.0	0.0	0.0	3.0	78.4	79.2	77.3	72.1	
N	380	775	6.05	6.0	3.88	0.379	0.376	6.0	0.717	-0.336	0.01	0.0	0.0	0.0	0.0	180	0.33	29.4	29.7	22.6	