

XYZ_w=95.04, 100.0, 108.89

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

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

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

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

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

$$x_c = 0.110, B_c = 0.800$$

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

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

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

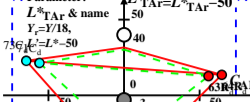
$$Y_c = Y / 18, x = \log[Y_c]$$

Illumin. D65, $Y_w = 90.0, Y_c = 3.6$

Name	Range	X	Y _w	Z	x	y	λ _a	λ _c	a ₂	b ₂	c ₂	A ₂	B ₂	C _{AB,2}	L _{TAR}	Y _c	L _{CIE}	L _{Ch}	L _{TUV}	L _{TAR}
R	567, 775	49.44	32.71	3.56	0.576	0.381	596	489	1.223	-0.034	0.683	49.6	25.6	55.8	27	1.81	13.9	14.5	14.8	12.6
Y	493, 775	63.04	76.53	8.77	0.424	0.515	570	463	0.61	-0.036	0.311	-1.0	59.6	59.6	9.1	4.25	40.1	41.0	35.9	27.8
G	493, 567	16.67	40.75	8.74	0.24	0.649	535	530	0.184	-0.059	0.519	-50.7	33.6	61.0	146	26.1	24.2	24.9	23.8	19.7
C	380, 567	30.61	51.52	88.16	0.179	0.302	489	596	0.23	-0.547	0.433	-49.6	-25.6	55.8	207	2.86	26.9	27.7	26.1	21.3
B	380, 493	17.01	7.7	82.95	0.158	0.071	463	570	0.671	-3.444	3.096	1.0	0.0	0.0	-1.42	-16.6	-16.2	-21.0	-17.6	
M	567, 493	63.38	37.18	98.98	0.345	0.202	535	535	1.161	-0.714	0.656	50.7	-33.9	61.0	326	20.6	17.4	18.0	18.0	15.2
W	380, 775	85.53	90.0	82.00	0.312	0.329	90%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.99	45.9	46.9	40.0	30.1	
N	380, 775	3.42	3.6	3.92	0.312	0.329	3%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	180	0.19	-27.6	-27.4	-40.0	-30.1
U	380, 775	17.1	18.0	19.6	0.312	0.329	18%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	184	1.0	-0.4	0.0	0.0	0.0

fcc40-5a

-74 Parameter:



Name	Range	X	Y _w	Z	x	y	λ _a	λ _c	a ₂	b ₂	c ₂	A ₂	B ₂	C _{AB,2}	L _{TAR}	Y _c	L _{CIE}	L _{Ch}	L _{TUV}	L _{TAR}
R	567, 775	49.44	32.71	3.56	0.576	0.381	596	489	1.223	-0.034	0.683	49.6	25.6	55.8	27	1.81	13.9	14.5	14.8	12.6
Y	493, 775	63.04	76.53	8.77	0.424	0.515	570	463	0.61	-0.036	0.311	-1.0	59.6	59.6	9.1	4.25	40.1	41.0	35.9	27.8
G	493, 567	16.67	40.75	8.74	0.24	0.649	535	530	0.184	-0.059	0.519	-50.7	33.6	61.0	146	26.1	24.2	24.9	23.8	19.7
C	380, 567	30.61	51.52	88.16	0.179	0.302	489	596	0.23	-0.547	0.433	-49.6	-25.6	55.8	207	2.86	26.9	27.7	26.1	21.3
B	380, 493	17.01	7.7	82.95	0.158	0.071	463	570	0.671	-3.444	3.096	1.0	0.0	0.0	-1.42	-16.6	-16.2	-21.0	-17.6	
M	567, 493	63.38	37.18	98.98	0.345	0.202	535	535	1.161	-0.714	0.656	50.7	-33.9	61.0	326	20.6	17.4	18.0	18.0	15.2
W	380, 775	85.53	90.0	82.00	0.312	0.329	90%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.99	45.9	46.9	40.0	30.1	
N	380, 775	3.42	3.6	3.92	0.312	0.329	3%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	180	0.19	-27.6	-27.4	-40.0	-30.1
U	380, 775	17.1	18.0	19.6	0.312	0.329	18%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	184	1.0	-0.4	0.0	0.0	0.0

XYZ_w=100.93, 100.0, 64.68

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

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

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

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

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

$$x_c = 0.110, B_c = 1.300$$

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

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

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

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

Illumin. P40, $Y_w = 90.0, Y_c = 3.6$

Name	Range	X	Y _w	Z	x	y	λ _a	λ _c	a ₂	b ₂	c ₂	A ₂	B ₂	C _{AB,2}	L _{TAR}	Y _c	L _{CIE}	L _{Ch}	L _{TUV}	L _{TAR}
R	573, 775	57.85	33.23	2.13	0.607	0.37	600	493	1.344	-0.031	0.697	55.2	26.8	61.4	25	1.95	15.0	15.5	16.6	14.1
Y	498, 775	73.71	77.28	5.25	0.471	0.494	576	468	0.73	-0.035	0.301	2.5	58.2	58.3	87	4.29	40.4	41.4	36.2	28.0
G	498, 573	17.12	45.39	5.21	0.274	0.65	540	540	0.25	-0.059	0.54	-52.7	31.3	61.3	149	25.2	23.1	23.8	22.9	19.0
C	380, 573	27.19	49.0	52.36	0.211	0.381	493	600	0.265	-0.555	0.501	-55.2	-26.8	61.4	205	2.72	25.4	26.2	24.8	20.4
B	380, 498	11.31	6.85	49.24	0.167	0.101	468	576	0.568	-3.733	3.4	-2.5	-58.2	58.3	207	0.38	-18.5	-18.1	-23.9	-19.8
M	573, 498	65.89	38.84	49.27	0.427	0.252	540	540	1.26	-0.659	0.631	52.7	-31.3	61.3	329	21.5	18.6	19.3	19.1	16.1
W	380, 775	90.83	90.0	58.22	0.379	0.376	90%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.99	45.9	46.9	40.0	30.1	
N	380, 775	3.6	3.6	2.32	0.379	0.376	3%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	180	0.19	-27.6	-27.4	-40.0	-30.1
U	380, 775	18.16	18.0	11.64	0.379	0.376	18%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	169	1.0	-0.4	0.0	0.0	0.0

fcc40-7a

XYZ_w=96.42, 100.0, 82.49

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

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

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

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

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

$$x_c = 0.110, B_c = 1.000$$

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

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

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

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

Illumin. D50, $Y_w = 90.0, Y_c = 3.6$

Name	Range	X	Y _w	Z	x	y	λ _a	λ _c	a ₂	b ₂	c ₂	A ₂	B ₂	C _{AB,2}	L _{TAR}	Y _c	L _{CIE}	L _{Ch}	L _{TUV}	L _{TAR}
R	570, 775	53.58	34.33	2.71	0.591	0.378	598	491	1.27	-0.031	0.681	52.5	25.6	58.5	25	1.9	15.2	15.8	16.0	13.6
Y	496, 775	67.24	76.35	5.98	0.451	0.508	573	468	0.67	-0.031	0.299	2.5	57.0	57.0	87	4.24	40.7	41.4	35.9	27.8
G	496, 570	17.28	45.26	5.95	0.252	0.66	538	538	0.215	-0.052	0.521	-50.0	31.0	59.0	147	25.1	23.0	23.8	22.9	19.0
C	380, 570	27.64	49.9	66.78	0.191	0.345	491	598	0.235	-0.535	0.469	-52.5	-25.6	58.5	205	2.77	26.0	26.7	25.3	20.7
B	380, 496	13.48	7.88	63.85	0.158	0.092	468	573	0.526	-3.223	2.896	-2.5	-57.0	57.0	267	0.43	-16.2	-15.9	-20.5	-17.2
M	570, 496	63.94	38.97	63.54	0.384	0.234	538	538	1.17	-0.652	0.606	50.0	-31.3	59.0	327	21.6	18.7	19.4	19.2	16.1
W	380, 775	86.78	90.0	74.24	0.345	0.358	90%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.99	45.9	46.9	40.0	30.1	
N	380, 775	3.47	3.6	2.96	0.345	0.358	3%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	181	0.19	-27.6	-27.4	-40.0	-30.1
U	380, 775	17.35	18.0	14.84	0.345	0.358	18%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	186	1.0	-0.4	0.0	0.0	0.0

fcc40-6a

XYZ_w=109.84, 99.99, 35.58

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

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

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

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

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

$$x_c = 0.110, B_c = 2.500$$

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

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

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

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

Illumin. A00, $Y_w = 90.0, Y_c = 3.6$

Name	Range	X	Y _w	Z	x	y	λ _a	λ _c	a ₂	b ₂	c ₂	A ₂	B ₂	C _{AB,2}	L _{TAR}	Y _c	L _{CIE}	L _{Ch}	L _{TUV}	L _{TAR}
R	579, 775	65.67	36.68	1.18	0.634	0.354	605	499	1.479	-0.032	0.727	59.7	29.6	66.6	26	2.03	17.0	17.7	17.6	14.9
Y	504, 775	84.79	77.87	2.96	0.511	0.47	581	474	0.854	-0.038	0.318	5.1	61.8	62.0	85	4.32	40.7	41.4	36.4	28.0
G	504, 579	22.67	44.42	2.93	0.323	0.634	547	547	0.327	-0.066	0.57	-54.5	32.1	63.3	149	24.6	22.5	23.2	22.4	18.6
C	380, 579	26.86	47.25	28.79	0.26	0.46	499	605	0.326	-0.505	0.561	-59.7	-29.6	66.6	206	2.64				