

XYZ_w=95.04, 100.0, 108.89

A₂ = 2.5 (a₂ - a_{2,n}) Y

B₂ = 2.5 (b₂ - b_{2,n}) Y

a₂ = a₂₀ [(x - x_c) / y]

b₂ = b₂₀ B₂ [z / y]

a₂₀ = 1, b₂₀ = -0.4

x_c = 0.110, B = 0.800

C_{AB,2} = [A₂² + B₂²]^{1/2}

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

colour space (C_{AB,2}; L*_{TU,r})

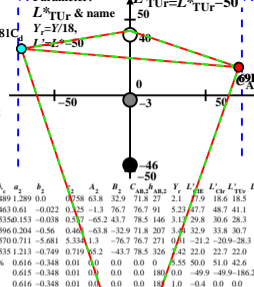
L*_{TU,r} = 50 + 40[Y_r/log(5)]

Illumin. D65, Y_w = 100.0, Y_c = 0.1

Name	Range	X	Y _w	Z	x	y	λ _a	λ _c	λ _e	λ _e	b ₂	c ₂	A ₂	B ₂	C _{AB,2}	L* _{TU,r}	L* _{TU,r}	L* _{TU,r}	L* _{TU,r}	L* _{TU,r}	L* _{TU,r}	L* _{TU,r}	
R	567.775	59.63	37.91	0.05	0.61	0.388596	489	1.289	0.0	0.58	63.8	32.9	71.8	27	2.1	17.9	18.6	18.5	15.6				
Y	493.775	77.11	94.25	6.76	0.432	0.529570	463	0.61	-0.022	0.25	-1.3	76.7	76.7	146	5.1	52.3	47.7	48.7	41.1	30.8			
G	493.567	17.49	56.35	6.71	0.217	0.699535	535	0.153	-0.038	0.57	-65.2	43.7	78.5	146	31.9	29.8	30.6	28.3	22.9				
C	380.567	35.41	62.09	108.84	0.171	0.3	489	596	0.204	-0.56	0.468	-63.8	-32.9	71.8	207	3.84	32.9	33.8	30.7	24.5			
B	380.493	17.93	5.75	102.14	0.142	0.045463	570	0.711	-5.681	5.334	1.3	-76.7	76.7	271	0.81	-12.1	-20.9	-28.3	-22.9				
M	567.493	77.55	43.65	102.18	0.347	0.195535	535	1.213	-0.749	0.719	65.2	-43.7	78.5	326	4.2	22.0	22.7	22.0	18.3				
W	380.775	95.04	100.0	108.89	0.312	0.329	100%	0.616	-0.348	0.01	0.0	0.0	0.0	0.0	0.0	5.55	50.0	51.0	42.6	31.5			
N	380.775	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	180.0	-49.9	-49.9	-186.2	-49.8			
U	380.775	17.1	18.0	19.6	0.312	0.329	18%	0.616	-0.348	0.01	0.0	0.0	0.0	0.0	0.0	180.0	-49.9	-49.9	-186.2	-49.8			

fcc30-1a

-74 Parameter: L*_{TU,r} = L*_{TU,r} - 50



XYZ_w=96.42, 100.0, 82.49

A₂ = 2.5 (a₂ - a_{2,n}) Y

B₂ = 2.5 (b₂ - b_{2,n}) Y

a₂ = a₂₀ [(x - x_c) / y]

b₂ = b₂₀ B₂ [z / y]

a₂₀ = 1, b₂₀ = -0.4

x_c = 0.110, B = 1.000

C_{AB,2} = [A₂² + B₂²]^{1/2}

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

colour space (C_{AB,2}; L*_{TU,r})

L*_{TU,r} = 50 + 40[Y_r/log(5)]

Illumin. D50, Y_w = 100.0, Y_c = 0.1

Name	Range	X	Y _w	Z	x	y	λ _a	λ _c	λ _e	λ _e	b ₂	c ₂	A ₂	B ₂	C _{AB,2}	L* _{TU,r}	L* _{TU,r}	L* _{TU,r}	L* _{TU,r}	L* _{TU,r}	L* _{TU,r}	L* _{TU,r}	
R	570.775	64.89	39.99	0.05	0.618	0.381598	491	1.333	0.0	0.752	67.6	32.9	75.2	25	2.22	19.4	20.1	19.8	16.6				
Y	496.775	83.1	94.03	4.27	0.458	0.518573	468	0.671	-0.018	0.12	3.3	73.3	73.3	87	5.22	47.4	48.6	41.0	30.7				
G	496.570	18.21	54.04	4.22	0.238	0.706538	538	0.181	-0.031	0.62	-64.3	40.3	75.9	147	3.0	28.4	29.2	27.3	22.2				
C	380.570	31.53	60.01	82.44	0.181	0.344491	598	0.206	-0.549	0.50	-67.6	-32.9	75.2	205	3.35	31.8	32.6	29.9	23.9				
B	380.496	13.32	5.97	78.23	0.136	0.061468	573	0.434	-5.235	4.91	-3.3	-73.3	73.3	267	0.3	-20.6	-20.3	-27.3	-22.2				
M	570.496	78.21	45.96	78.28	0.386	0.227538	538	1.217	-0.681	0.66	64.3	-40.3	75.9	327	2.55	23.5	24.2	23.3	19.3				
W	380.775	96.42	100.0	82.49	0.345	0.358	100%	0.657	-0.329	0.01	0.0	0.0	0.0	0.0	5.55	50.0	51.0	42.6	31.5				
N	380.775	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	180.0	-49.9	-49.9	-186.2	-49.8			
U	380.775	17.35	18.0	14.84	0.345	0.358	18%	0.657	-0.329	0.01	0.0	0.0	0.0	0.0	0.0	180.0	-49.9	-49.9	-186.2	-49.8			

fcc30-2a

XYZ_w=100.93, 100.0, 64.68

A₂ = 2.5 (a₂ - a_{2,n}) Y

B₂ = 2.5 (b₂ - b_{2,n}) Y

a₂ = a₂₀ [(x - x_c) / y]

b₂ = b₂₀ B₂ [z / y]

a₂₀ = 1, b₂₀ = -0.4

x_c = 0.110, B = 1.300

C_{AB,2} = [A₂² + B₂²]^{1/2}

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

colour space (C_{AB,2}; L*_{TU,r})

L*_{TU,r} = 50 + 40[Y_r/log(5)]

Illumin. P40, Y_w = 100.0, Y_c = 0.1

Name	Range	X	Y _w	Z	x	y	λ _a	λ _c	λ _e	λ _e	b ₂	c ₂	A ₂	B ₂	C _{AB,2}	L* _{TU,r}	L* _{TU,r}	L* _{TU,r}	L* _{TU,r}	L* _{TU,r}	L* _{TU,r}	L* _{TU,r}	
R	573.775	70.19	41.0	0.05	0.63	0.369600	493	1.408	0.0	0.768	71.0	34.5	79.0	25	2.28	20.2	20.9	20.5	17.2				
Y	498.775	90.58	91.34	4.06	0.476	0.501576	468	0.73	-0.022	0.314	3.2	74.8	74.9	87	5.29	48.1	49.1	41.4	30.9				
G	498.573	20.4	54.21	4.02	0.259	0.689540	540	0.216	-0.038	0.82	-67.8	40.3	78.9	149	3.01	28.5	29.3	27.4	22.2				
C	380.573	30.74	58.66	64.64	0.199	0.381493	600	0.234	-0.571	0.57	-71.0	-34.5	79.0	205	3.27	31.2	32.0	29.4	23.6				
B	380.498	10.35	4.66	60.62	0.136	0.061468	576	0.435	-6.762	6.43	-3.2	-74.8	74.9	267	0.25	-24.2	-23.9	-33.5	-26.3				
M	573.498	80.55	45.79	60.67	0.43	0.244540	540	1.309	-0.688	0.688	67.8	-40.3	78.9	329	2.84	23.4	24.1	23.2	19.2				
W	380.775	100.93	100.0	64.68	0.379	0.376	100%	0.717	-0.336	0.01	0.0	0.0	0.0	0.0	5.55	50.0	51.0	42.6	31.5				
N	380.775	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	180.0	-49.9	-49.9	-186.2	-49.8			
U	380.775	18.16	18.0	11.64	0.379	0.376	18%	0.717	-0.336	0.01	0.0	0.0	0.0	0.0	0.0	180.0	-49.9	-49.9	-186.2	-49.8			

fcc30-3a

XYZ_w=109.84, 99.99, 35.58

A₂ = 2.5 (a₂ - a_{2,n}) Y

B₂ = 2.5 (b₂ - b_{2,n}) Y

a₂ = a₂₀ [(x - x_c) / y]

b₂ = b₂₀ B₂ [z / y]

a₂₀ = 1, b₂₀ = -0.4

x_c = 0.110, B = 2.500

C_{AB,2} = [A₂² + B₂²]^{1/2}

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

colour space (C_{AB,2}; L*_{TU,r})

L*_{TU,r} = 50 + 40[Y_r/log(5)]

Illumin. A00, Y_w = 100.0, Y_c = 0.1

Name	Range	X	Y _w	Z	x	y	λ _a	λ _c	λ _e	λ _e	b ₂	c ₂	A ₂	B ₂	C _{AB,2}	L* _{TU,r}	L* _{TU,r}	L* _{TU,r}	L* _{TU,r}	L* _{TU,r}	L* _{TU,r}	L* _{TU,r}	
R	579.775	79.88	43.01	0.04	0.649	0.349605	499	1.542	-0.001	0.797	76.7	38.1	85.7	26	2.38	21.7	22.2	21.6	18.0				
Y	504.775	104.4795	97	2.33	0.515	0.473581	474	0.856	-0.024	0.332	6.6	79.5	79.8	85	5.33	48.4	49.4	41.5	31.0				
G	504.579	24.59	52.96	2.29	0.307	0.663547	547	0.289	-0.043	0.615	-70.1	41.3	81.4	149	2.94	28.8	28.8	26.8	21.8				
C	380.579	29.97	56.99	35.54	0.244	0.465499	605	0.289	-0.623	0.01	-67.7	-38.1	85.7	206	3.16	30.1	30.9	28.6	23.1				
B	380.504	5.38	4.03	33.24	0.126	0.094474	581	0.172	-8.246	7.57	-6.6	-79.5	79.8	265	0.22	-26.2	-25.9	-37.1	-28.5				
M	579.504	85.26	47.04	33.28	0.514	0.284474	547	1.425	-0.707	0.69	70.1	-41.3	81.4	329	2.60	24.2	24.9	23.8	19.7				
W	380.775																						