

CIE02 tristimulus values, chromatic values, and putities ($n=1,4, n_0=0.5$).
Normalized Ostwald (O) tristimulus values ($Y_0=100$), ordered by wavelength.

Normalized Oswald (O) tristimulus values (λ_n = 0.000) derived by wavelength.												
no.	O	C tristimulus values and chromaticities						nu-chromatic values				
		λ_n	X	Y	Z	x	y	z	λ_m	B_m	C_{ABm}	h_{ABm}
00	396	31.24	12.19	76.69	0.260	0.101	0.638	72.3	-84.1	111.0	310	310
01	384	32.25	13.34	78.11	0.151	0.064	0.799	20.0	-69.1	91.3	282	282
02	466	13.27	8.01	79.21	0.132	0.079	0.788	13.4	-88.4	89.4	278	278
03	471	13.39	12.66	80.68	0.125	0.118	0.755	-4.4	-84.7	84.7	266	266
04	475B	14.00	19.21	81.44	0.122	0.167	0.710	-27.6	-77.9	82.7	250	250
05	479	15.61	27.50	81.85	0.124	0.220	0.655	-53.3	-68.9	87.1	232	232
06	481	18.42	36.66	82.05	0.134	0.267	0.598	-77.4	-58.9	97.2	217	217
07	483	20.35	41.45	82.11	0.141	0.288	0.570	-88.1	-53.6	103.1	211	211
08	484	22.64	46.29	82.14	0.149	0.306	0.543	-97.4	-48.4	108.8	206	206
09	485	25.29	51.06	82.16	0.159	0.322	0.518	-105.0	-43.3	113.6	202	202
10	486C	29.62	57.81	81.62	0.175	0.341	0.482	-113.2	-35.5	118.7	197	197
11	490	26.32	58.17	83.51	0.177	0.393	0.429	-126.0	-12.6	126.6	185	185
12	497	23.01	58.66	82.40	0.185	0.427	0.342	-138.9	13.8	139.6	174	174
13	501	22.62	59.57	35.18	0.192	0.507	0.299	-143.1	23.7	145.0	170	170
14	506	22.26	60.29	28.28	0.200	0.543	0.255	-146.5	33.0	150.1	167	167
15	519	21.83	61.02	17.06	0.218	0.610	0.170	-149.6	47.4	157.0	162	162
16	522G	24.04	63.42	17.06	0.230	0.606	0.163	-149.8	49.8	157.9	161	161
17	535	27.22	66.19	9.71	0.263	0.641	0.094	-146.3	61.3	158.7	157	157
18	544	35.20	72.16	7.33	0.306	0.629	0.063	-136.1	69.6	152.8	152	152
19	561	65.07	87.80	5.54	0.410	0.554	0.034	-72.3	84.1	111.0	310	310
20	568	83.05	93.65	4.13	0.459	0.517	0.022	-20.0	89.1	91.3	282	282
21	569	83.03	91.98	3.02	0.466	0.516	0.026	-13.4	88.4	89.4	98	98
22	571	82.92	83.63	1.55	0.482	0.508	0.009	4.4	84.7	84.8	86	86
23	573Y	82.30	80.76	0.80	0.502	0.492	0.004	27.6	77.9	82.7	70	70
24	577	80.69	72.49	0.38	0.525	0.472	0.002	53.3	68.9	87.1	52	52
25	581	77.87	63.33	0.18	0.550	0.447	0.001	77.3	58.9	97.2	37	37
26	583	75.96	58.54	0.13	0.564	0.434	0.000	88.1	53.6	103.1	31	31
27	585	73.67	53.70	0.09	0.577	0.421	0.000	97.4	48.4	108.8	26	26
28	587	71.01	48.93	0.07	0.591	0.407	0.000	105.0	43.3	113.6	22	22
29	592R	66.69	42.18	0.61	0.609	0.385	0.005	113.3	35.5	118.7	17	17
30	631	69.99	41.82	18.71	0.536	0.320	0.143	126.0	12.6	126.6	5	5
31	702	73.30	41.33	39.75	0.474	0.267	0.257	138.9	-13.8	139.6	354	354
32	706	73.69	40.41	47.04	0.457	0.250	0.291	143.1	-23.7	145.1	350	350
33	711	74.05	39.70	53.95	0.441	0.236	0.321	146.5	-33.0	150.2	347	347
34	724	72.18	38.97	65.17	0.415	0.218	0.364	149.6	-49.8	157.0	341	341
35	727M	72.26	36.57	65.17	0.415	0.210	0.374	149.8	-49.8	157.9	341	341
36	740	69.08	33.80	72.53	0.393	0.192	0.413	146.3	-61.3	158.7	337	337
37	749	61.10	27.83	74.91	0.372	0.169	0.457	136.0	-69.6	152.8	332	332
38	766	31.24	12.19	76.69	0.260	0.101	0.638	72.3	-84.1	111.0	310	310
39	828	13.25	6.34	78.11	0.135	0.064	0.799	20.0	-69.1	91.3	282	282
U=500		96.31	99.99	82.24	0.345	0.358	0.358	0.0	0.0	0.0	0	0
$a_{Pm} = n_{Pm} P_m = 1.41 \{ (5.645x - 2.666 + 2.570y) / y \}$ $A_m = (-a \cdot a) \cdot Y$ $C_{ABm} = [A_m^2 + B_m^2]^{1/2}$ $b_{Pm} = n_{Pm} P_m = 0.51 \{ (-1.871x + 1.457 - 3.861y) / y \}$ $B_m = (b \cdot b) \cdot Y$ $h_{ABm} = atan[B_m / A_m]$												
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$$U=D50 \quad 96.31 \quad 99.99 \quad 82.24 \quad 0.345 \quad 358 \quad 0.358 \quad A_m = (a-o) \cdot Y \quad C_{ABm} = [A_m^2 + B_m^2]^{1/2} \\ b=P_{ABm} = P_0 \cdot 0.5 \cdot [(-1.871 \times 1.457 - 3.8612) / y] \quad B_m = (b-b_0) \cdot Y \quad h_{ABm} = \text{atan}([B_m / A_m])$$

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CIE02 tristimulus values, chromatic values, and putities ($n=1,4, n_0=0.5$).
Normalized Ostwald (O) tristimulus values ($Y_0=100$), ordered by wavelength.

no.	O	C	n-purities				nu-purities			
			λ_n	Y	p_{nn}	p_{nn}	h_{nn}	p_{nn}	p_{nn}	h_{nn}
00	396	12.19	6.11	-7.36	9.57	309	5.93	-6.90	9.10	310
01	384	6.34	3.32	-14.51	14.89	282	3.15	-14.05	14.40	282
02	466	8.01	1.84	-11.50	11.65	279	1.67	-11.04	11.17	278
03	471	12.66	-0.17	-7.15	7.15	268	-0.35	-6.69	6.70	266
04	475B	19.21	-1.26	-4.51	4.69	254	-1.43	-4.05	4.30	250
05	479	27.50	-1.76	-2.96	3.45	239	-1.93	-2.50	3.17	232
06	481	36.66	-1.93	-2.06	2.83	226	-2.11	-1.60	2.65	217
07	483	41.45	-1.95	-1.75	2.62	221	-2.12	-1.29	2.48	211
08	484	46.29	-1.93	-1.50	2.44	217	-2.10	-1.04	2.35	206
09	485	51.06	-1.88	-1.30	2.29	214	-2.05	-0.84	2.22	202
10	486C	57.81	-1.78	-1.07	2.08	211	-1.95	-0.61	2.05	197
11	490	58.17	-1.99	-0.67	2.10	198	-2.16	-0.21	2.17	185
12	497	58.66	-2.19	-0.22	2.20	185	-2.35	0.23	2.38	174
13	501	59.57	-2.22	-0.06	2.22	181	-2.40	0.39	2.43	170
14	506	60.29	-2.25	0.08	2.25	177	-2.43	0.54	2.49	167
15	519	61.02	-2.27	0.31	2.30	172	-2.45	0.77	2.57	162
16	522G	63.42	-2.18	0.32	2.21	171	-2.36	0.78	2.48	161
17	535	66.19	-2.03	0.46	2.08	167	-2.21	0.92	2.39	157
18	544	72.16	-1.71	0.50	1.78	163	-1.88	0.96	2.11	152
19	561	87.80	-0.64	0.49	0.81	142	-0.82	0.95	1.26	130
20	568	93.65	-0.03	0.49	0.49	94	-0.21	0.95	0.97	98
21	569	91.98	0.02	0.50	0.50	86	-0.14	0.96	0.97	98
22	571	82.33	0.22	0.51	0.55	66	0.05	0.97	0.97	86
23	573Y	80.76	0.51	0.50	0.72	44	0.34	0.96	0.92	47
24	577	72.49	0.91	0.49	1.03	28	0.73	0.95	1.20	52
25	581	63.33	1.39	0.47	1.47	18	1.22	0.93	1.53	37
26	583	58.54	1.67	0.45	1.74	15	1.50	0.91	1.76	31
27	585	53.70	1.98	0.44	2.03	12	1.81	0.90	2.02	26
28	587	48.93	2.32	0.42	2.36	10	2.14	0.88	2.32	22
29	592R	42.18	2.86	0.38	2.88	7	2.68	0.84	2.81	17
30	631	41.82	3.18	-0.15	3.19	357	3.01	0.30	3.02	365
31	702	41.33	3.53	-0.79	3.62	347	3.36	-0.33	3.37	354
32	706	40.41	3.71	-1.04	3.86	344	3.54	-0.58	3.58	350
33	711	39.70	3.86	-1.29	4.07	341	3.69	-0.83	3.78	347
34	724	38.97	4.01	-1.67	4.35	337	3.84	-1.21	4.02	342
35	727M	38.97	4.27	-1.82	4.64	336	4.09	-1.56	4.31	341
36	740	33.80	4.04	-2.04	4.34	332	4.48	-1.81	4.69	337
37	749	27.83	5.06	-2.96	5.86	329	4.88	-2.59	5.49	332
38	766	12.19	6.11	-7.36	9.57	309	5.93	-6.90	9.10	310
39	828	6.34	3.32	-14.51	14.89	282	3.15	-14.05	14.40	282

$$U=D50 \quad 99.99 \quad 17.04 \quad -0.459 \quad 491 \quad 290 \quad 0.0 \quad 0.0 \quad 0.0 \quad 0.0 \quad 0.0 \quad 0.0 \\ a=P_{nn} = P_0 \cdot P_n \cdot 1.4 \cdot [(5.645x - 2.666 + 2.5702) / y] \quad A_m = (a-o) \cdot Y \quad C_{ABm} = [A_m^2 + B_m^2]^{1/2} \\ b=P_{nn} = P_0 \cdot P_n \cdot 0.5 \cdot [(-1.871 \times 1.457 - 3.8612) / y] \quad B_m = (b-b_0) \cdot Y \quad h_{ABm} = \text{atan}([B_m / A_m])$$

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