

Spectral data on the purple line: CIE_02, E00, not normalized

i	λ_d	X_i	Y_i	Z_i	x_i	y_i	z_i	INP	IPN
0	495	0.0147	0.2586	0.3533	0.0234	0.4126	0.5637	18	-1
1	500	0.0049	0.323	0.272	0.0081	0.5383	0.4533	20	-1
2	505	0.0024	0.4073	0.2123	0.0038	0.6547	0.3412	20	-1
3	510	0.0093	0.503	0.1582	0.0138	0.75	0.2359	21	-1
4	515	0.0291	0.6082	0.1117	0.0388	0.8119	0.1491	23	-1
5	520	0.0632	0.71	0.0782	0.0742	0.8337	0.0918	24	-1
6	525	0.1096	0.7932	0.0572	0.1141	0.8261	0.0596	24	-1
7	530	0.1654	0.862	0.0421	0.1547	0.8057	0.0394	25	-1
8	535	0.2257	0.9149	0.0298	0.1928	0.7816	0.0254	26	-1
9	540	0.2904	0.954	0.0203	0.2296	0.7542	0.016	28	-1
10	545	0.3597	0.9803	0.0134	0.2657	0.7242	0.0099	29	-1
11	550	0.4334	0.995	0.0087	0.3015	0.6922	0.006	30	-1
12	555	0.5121	1.0	0.0057	0.3373	0.6587	0.0037	30	-1
13	560	0.5945	0.995	0.0039	0.373	0.6244	0.0024	31	-1
14	565	0.6784	0.9786	0.0027	0.4087	0.5895	0.0016	32	-1

i	λ_d	X_{ci}	Y_{ci}	Z_{ci}	x_{ci}	y_{ci}	z_{ci}	TNX	XIE1	XIE2
60	700	0.0113	0.0041	0.0	0.7299	0.2635	0.0	not normalized		
1	495c	0.0114	0.004	0.0011	0.6841	0.2422	0.0675	0.0002	0.9824	0.9833
2	500c	0.0115	0.0038	0.0051	0.562	0.1855	0.2475	-0.0002	0.9248	0.9257
3	505c	0.0116	0.0036	0.0074	0.5088	0.1608	0.326	0.0004	0.8886	0.8896
4	510c	0.0117	0.0035	0.0093	0.4744	0.1448	0.3767	-0.0004	0.8623	0.8632
5	515c	0.0118	0.0035	0.0106	0.4528	0.1374	0.4085	-0.0003	0.8427	0.8437
6	520c	0.0118	0.0034	0.0117	0.437	0.1274	0.4318	-0.0007	0.8271	0.8281
7	525c	0.0119	0.0034	0.0125	0.4259	0.1223	0.4481	0.0004	0.8144	0.8154
8	530c	0.0119	0.0033	0.0134	0.4138	0.1166	0.466	0.0001	0.8007	0.8017
9	535c	0.0119	0.0033	0.0145	0.4008	0.1106	0.4851	-0.0007	0.7861	0.7871
10	540c	0.012	0.0032	0.0155	0.3887	0.105	0.5029	0.0005	0.7695	0.7705
11	545c	0.0121	0.0031	0.017	0.3734	0.0978	0.5255	0.0007	0.748	0.749
12	550c	0.0121	0.003	0.0191	0.3534	0.0885	0.555	-0.0005	0.7177	0.7187
13	555c	0.0123	0.0028	0.022	0.3295	0.0774	0.5902	0.0003	0.6738	0.6748
14	560c	0.0125	0.0026	0.0272	0.2952	0.0615	0.6409	-0.0003	0.5986	0.5996
15	565c	0.0129	0.002	0.0377	0.2459	0.0386	0.7134	-0.0002	0.4443	0.4453
0	400	0.0143	0.0003	0.0678	0.1731	0.0047	0.8208	not normalized		

Tristimulus values of reference illuminant

380	780	21.371	21.371	21.371	0.3333	0.3333	0.3333	not normalized		
380	780	99.999	99.999	100.001	0.3333	0.3333	0.3333	normalized, $Y_w=100$		

Spectral data on the purple line: $\lambda_d=700nm$ to 400nm, not normalized

0.0113	0.0114	0.0115	0.0116	0.0117	0.0118	0.0119	0.0119
0.0119	0.012	0.0121	0.0121	0.0123	0.0125	0.0129	0.0143
0.0041	0.004	0.0038	0.0036	0.0035	0.0035	0.0034	0.0033
0.0033	0.0032	0.0031	0.003	0.0028	0.0026	0.002	0.0003
0.0	0.0011	0.0051	0.0074	0.0093	0.0106	0.0117	0.0125
0.0145	0.0155	0.017	0.0191	0.022	0.0272	0.0377	0.0678

Spectral data on the purple line: CIE_02, E00, normalized, $Y_w=100$

i	λ_d	X_{ni}	Y_{ni}	Z_{ni}	x_{ni}	y_{ni}	z_{ni}	INP	IPN
0	495	0.0687	1.21	1.6531	0.0234	0.4126	0.5638	18	-1
1	500	0.0229	1.5113	1.2727	0.0081	0.5384	0.4533	19	-1
2	505	0.0112	1.9058	0.9933	0.0038	0.6548	0.3413	21	-1
3	510	0.0435	2.3536	0.7402	0.0138	0.7501	0.2359	22	-1
4	515	0.1361	2.8458	0.5226	0.0388	0.8119	0.1491	22	-1
5	520	0.296	3.3222	0.3661	0.0743	0.8337	0.0918	24	-1
6	525	0.5128	3.7115	0.2678	0.1141	0.8261	0.0596	25	-1
7	530	0.7744	4.0334	0.1972	0.1547	0.8058	0.0394	26	-1
8	535	1.056	4.2809	0.1396	0.1928	0.7816	0.0254	27	-1
9	540	1.3588	4.4639	0.0949	0.2296	0.7543	0.016	27	-1
10	545	1.6831	4.5869	0.0627	0.2657	0.7243	0.0099	28	-1
11	550	2.0279	4.6557	0.0409	0.3015	0.6923	0.006	30	-1
12	555	2.3962	4.6791	0.0269	0.3373	0.6588	0.0037	30	-1
13	560	2.7817	4.6557	0.0182	0.373	0.6244	0.0024	32	-1
14	565	3.1743	4.579	0.0128	0.4087	0.5895	0.0016	32	-1

i	λ_d	X_{cni}	Y_{cni}	Z_{cni}	x_{cni}	y_{cni}	z_{cni}	TNX	XIE1	XIE2
60	700	0.0531	0.0191	0.0	0.7336	0.2649	0.0	normalized, $Y_w=100$		
1	495c	0.0533	0.0189	0.0052	0.6874	0.2434	0.0678	0.006	0.9824	0.9833
2	500c	0.0541	0.0178	0.0238	0.5641	0.1862	0.2485	-0.0051	0.9248	0.9257
3	505c	0.0546	0.0172	0.035	0.5105	0.1613	0.3271	0.0104	0.8886	0.8896
4	510c	0.055	0.0168	0.0437	0.4759	0.1452	0.3779	-0.0096	0.8623	0.8632
5	515c	0.0553	0.0164	0.0499	0.4541	0.1351	0.4097	-0.0076	0.8427	0.8437
6	520c	0.0555	0.0161	0.0548	0.4383	0.1278	0.433	-0.0159	0.8271	0.8281
7	525c	0.0557	0.0159	0.0585	0.4271	0.1226	0.4493	0.01	0.8144	0.8154
8	530c	0.0558	0.0157	0.0629	0.4149	0.1169	0.4672	0.0043	0.8007	0.8017
9	535c	0.0561	0.0154	0.0678	0.4019	0.1109	0.4864	-0.0169	0.7861	0.7871
10	540c	0.0563	0.0152	0.0728	0.3897	0.1052	0.5042	0.013	0.7695	0.7705
11	545c	0.0566	0.0148	0.0796	0.3743	0.0981	0.5268	0.0157	0.748	0.749
12	550c	0.057	0.0142	0.0896	0.3542	0.0887	0.5563	-0.0125	0.7177	0.7187
13	555c	0.0576	0.0135	0.1032	0.3302	0.0776	0.5915	0.0077	0.6738	0.6748
14	560c	0.0586	0.0122	0.1274	0.2957	0.0616	0.642	-0.0085	0.5986	0.5996
15	565c	0.0608	0.0095	0.1764	0.2463	0.0387	0.7145	-0.0059	0.4443	0.4453
0	400	0.0669	0.0018	0.3174	0.1732	0.0047	0.8216	normalized, $Y_w=100$		

Tristimulus values of reference illuminant

380	780	21.371	21.371	21.371	0.3333	0.3333	0.3333	not normalized		
380	780	99.999	99.999	100.001	0.3333	0.3333	0.3333	normalized, $Y_w=100$		

Spectral data on the purple line: $\lambda_d=700nm$ to 400nm, normalized, $Y_w=100$

0.0531	0.0533	0.0541	0.0546	0.055	0.0553	0.0555	0.0557	0.0558
0.0561	0.0563	0.0566	0.057	0.0576	0.0586	0.0608	0.0669	
0.0191	0.0189	0.0178	0.0172	0.0168	0.0164	0.0161	0.0159	0.0157
0.0154	0.0152	0.0148	0.0142	0.0135	0.0122	0.0095	0.0018	
0.0	0.0052	0.0238	0.035	0.0437	0.0499	0.0548	0.0585	0.0629
0.0678	0.0728	0.0796	0.0896	0.1032	0.1274	0.1764	0.3174	

TUB-test chart CE80; CIE_02 tristimulus values and chromaticities, E00

Spectral tristimulus values and chromaticities for wavelength 495 to 565nm and purple colours