

see similar files: <http://farbe.li.tu-berlin.de/CE81/CE81.HTM>
technical information: <http://farbe.li.tu-berlin.de> or <http://130.149.60.45/~farbmetrik>

Spectral data on the purple line: CIE_10, E00, not normalized

i	λ_d	X_i	Y_i	Z_i	x_i	y_i	z_i	INP	IPN
0	495	0.0051	0.3953	0.3024	0.0072	0.5624	0.4301	19	-1
1	500	0.0038	0.4608	0.2185	0.0055	0.6744	0.3198	20	-1
2	505	0.0154	0.5314	0.1592	0.0218	0.7525	0.2254	21	-1
3	510	0.0374	0.6067	0.112	0.0495	0.8022	0.148	22	-1
4	515	0.0713	0.6857	0.0822	0.085	0.8168	0.0979	22	-1
5	520	0.1177	0.7618	0.0607	0.1251	0.8101	0.0645	24	-1
6	525	0.1729	0.8233	0.043	0.1664	0.792	0.0414	24	-1
7	530	0.2365	0.8752	0.0304	0.207	0.7662	0.0266	26	-1
8	535	0.3042	0.9238	0.0205	0.2436	0.7398	0.0164	26	-1
9	540	0.3768	0.962	0.0136	0.2785	0.7112	0.0101	28	-1
10	545	0.4516	0.9822	0.0079	0.3132	0.6812	0.0054	28	-1
11	550	0.5298	0.9918	0.0039	0.3472	0.65	0.0026	29	-1
12	555	0.6161	0.9991	0.001	0.3811	0.6181	0.0006	30	-1
13	560	0.7052	0.9973	0.0	0.4141	0.5857	0.0	32	-1
14	565	0.7938	0.9824	0.0	0.4468	0.553	0.0	33	4

i	λ_d	X_{ci}	Y_{ci}	Z_{ci}	x_{ci}	y_{ci}	z_{ci}	TNX	XIE1	XIE2
60	700	0.01	0.0037	0.0	0.7237	0.269	0.0	not normalized		
1	495c	0.0105	0.0036	0.0052	0.5397	0.1846	0.2704	-0.0002	0.9384	0.9394
2	500c	0.0107	0.0035	0.0074	0.4919	0.1626	0.3407	-0.0008	0.913	0.914
3	505c	0.0109	0.0035	0.0088	0.4673	0.1513	0.3769	0.0006	0.8964	0.8974
4	510c	0.011	0.0035	0.0101	0.4456	0.1414	0.4089	-0.0009	0.8818	0.8828
5	515c	0.0111	0.0034	0.011	0.4333	0.1357	0.427	0.0004	0.871	0.872
6	520c	0.0112	0.0034	0.012	0.4196	0.1294	0.4471	-0.0007	0.8603	0.8613
7	525c	0.0113	0.0034	0.013	0.407	0.1237	0.4656	-0.0008	0.8486	0.8496
8	530c	0.0114	0.0034	0.014	0.3953	0.1183	0.4828	0.0008	0.8359	0.8369
9	535c	0.0116	0.0034	0.0153	0.3811	0.1118	0.5037	0.0003	0.8203	0.8212
10	540c	0.0118	0.0033	0.017	0.3651	0.1044	0.5273	-0.0001	0.8017	0.8027
11	545c	0.012	0.0033	0.0194	0.3455	0.0954	0.5561	-0.0005	0.7744	0.7753
12	550c	0.0124	0.0032	0.0229	0.3209	0.0842	0.5922	-0.0006	0.7333	0.7343
13	555c	0.013	0.0031	0.0289	0.2885	0.0693	0.6398	0.0004	0.6621	0.663
14	560c	0.0145	0.0028	0.0425	0.2415	0.0477	0.7089	0.0003	0.5039	0.5048
15	565c	0.0191	0.002	0.0859	0.1782	0.0187	0.802	0.0227	0.0	0.0009

0 400 0.0191 0.002 0.086 0.1782 0.0186 0.8021 not normalized

Tristimulus values of reference illuminant

380	780	23.329	23.331	23.334	0.3333	0.3333	0.3333	not normalized
380	780	99.99	99.999	100.01	0.3333	0.3333	0.3333	normalized, $Y_w=100$

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

0.01	0.0105	0.0107	0.0109	0.011	0.0111	0.0112	0.0113	0.0114
0.0116	0.0118	0.012	0.0124	0.013	0.0145	0.0191	0.0191	
0.0037	0.0036	0.0035	0.0035	0.0035	0.0034	0.0034	0.0034	0.0034
0.0034	0.0033	0.0033	0.0032	0.0031	0.0028	0.002	0.002	
0.0	0.0052	0.0074	0.0088	0.0101	0.011	0.012	0.013	0.014
0.0153	0.017	0.0194	0.0229	0.0289	0.0425	0.0859	0.086	

Spectral data on the purple line: CIE_10, E00, normalized, $Y_w=100$

i	λ_d	X_{ni}	Y_{ni}	Z_{ni}	x_{ni}	y_{ni}	z_{ni}	INP	IPN
0	495	0.0219	1.6946	1.296	0.0073	0.5624	0.4301	19	-1
1	500	0.0163	1.9749	0.9364	0.0055	0.6745	0.3198	20	-1
2	505	0.0661	2.2775	0.6823	0.0218	0.7526	0.2254	21	-1
3	510	0.1605	2.6003	0.48	0.0495	0.8023	0.1481	22	-1
4	515	0.3058	2.9389	0.3525	0.085	0.8169	0.0979	22	-1
5	520	0.5044	3.265	0.2602	0.1251	0.8102	0.0645	24	-1
6	525	0.7414	3.5286	0.1845	0.1664	0.7921	0.0414	24	-1
7	530	1.0136	3.751	0.1305	0.207	0.7662	0.0266	25	-1
8	535	1.3037	3.9593	0.0882	0.2436	0.7398	0.0164	26	-1
9	540	1.6149	4.1231	0.0586	0.2785	0.7112	0.0101	27	-1
10	545	1.9355	4.2097	0.0339	0.3132	0.6812	0.0054	29	-1
11	550	2.2707	4.2508	0.017	0.3472	0.6501	0.0026	30	-1
12	555	2.6405	4.2821	0.0046	0.3811	0.6181	0.0006	31	-1
13	560	3.0224	4.2744	0.0	0.4142	0.5857	0.0	32	-1
14	565	3.4022	4.2105	0.0	0.4469	0.553	0.0	33	4

i	λ_d	X_{cni}	Y_{cni}	Z_{cni}	x_{cni}	y_{cni}	z_{cni}	TNX	XIE1	XIE2
60	700	0.0428	0.0159	0.0	0.7277	0.2705	0.0	normalized, $Y_w=100$		
1	495c	0.0452	0.0154	0.0226	0.5419	0.1853	0.2715	-0.0037	0.9384	0.9394
2	500c	0.0462	0.0152	0.032	0.4936	0.1632	0.3419	-0.0147	0.913	0.914
3	505c	0.0468	0.0151	0.0377	0.4688	0.1518	0.3782	0.0126	0.8964	0.8974
4	510c	0.0474	0.015	0.0435	0.447	0.1418	0.4101	-0.0182	0.8818	0.8828
5	515c	0.0478	0.0149	0.0471	0.4346	0.1361	0.4283	0.0075	0.871	0.872
6	520c	0.0483	0.0149	0.0514	0.4208	0.1298	0.4484	-0.0129	0.8603	0.8613
7	525c	0.0487	0.0148	0.0557	0.4081	0.124	0.4669	-0.0151	0.8486	0.8496
8	530c	0.0492	0.0147	0.0601	0.3964	0.1186	0.4841	0.0159	0.8359	0.8369
9	535c	0.0498	0.0146	0.0658	0.382	0.112	0.505	0.0058	0.8203	0.8212
10	540c	0.0506	0.0144	0.073	0.3659	0.1047	0.5285	-0.0026	0.8017	0.8027
11	545c	0.0516	0.0142	0.0831	0.3462	0.0956	0.5573	-0.0107	0.7744	0.7753
12	550c	0.0532	0.0139	0.0982	0.3216	0.0843	0.5933	-0.0119	0.7333	0.7343
13	555c	0.056	0.0134	0.1241	0.289	0.0694	0.6409	0.0074	0.6621	0.663
14	560c	0.0621	0.0122	0.1825	0.2418	0.0478	0.7098	0.0061	0.5039	0.5048
15	565c	0.0818	0.0085	0.3682	0.1784	0.0187	0.8026	0.4188	0.0	0.0009

0 400 0.0819 0.0085 0.3686 0.1783 0.0187 0.8027 normalized, $Y_w=100$

Tristimulus values of reference illuminant

380	780	23.329	23.331	23.334	0.3333	0.3333	0.3333	not normalized
380	780	99.99	99.999	100.01	0.3333	0.3333	0.3333	normalized, $Y_w=100$

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

0.0428	0.0452	0.0462	0.0468	0.0474	0.0478	0.0483	0.0487	0.0492
0.0498	0.0506	0.0516	0.0532	0.056	0.0621	0.0818	0.0819	
0.0159	0.0154	0.0152	0.0151	0.015	0.0149	0.0149	0.0148	0.0147
0.0146	0.0144	0.0142	0.0139	0.0134	0.0122	0.0085	0.0085	
0.0	0.0226	0.032	0.0377	0.0435	0.0471	0.0514	0.0557	0.0601
0.0658	0.073	0.0831	0.0982	0.1241	0.1825	0.3682	0.3686	

TUB-test chart CE81; CIE_10 tristimulus values and chromaticities, E00

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

TUB registration: 20180301-CE81/CE81L0NA.TXT /.PS
application for measurement of offset print output

TUB material: code=rha4ta