see similar files of the whole serie: http://farbe.li.tu-berlin.de/eeus.htm
technical information: http://farbe.li.tu-berlin.de or http://color.li.tu-berlin.de

CIEXYZ and TUBJND data of *Ostwald* colours for CIE illuminant D50 with x_c=0,11 and B_c=1,00

n	*X*	*Y*	*Z*	*x*	*y*	h_{xy}	*colour*	A_2	B_2	$h_{ab,2}$	$c_{ab,2}$	$C_{ab,2}$
01	60.44	41.54	8.1	0.5489	0.3773	−354.8		52.52	26.15	26.4	0.565	58.67
02	56.05	37.66	2.71	0.5812	0.3905	−352.3		51.7	28.35	28.7	0.6263	58.96
03	60.45	45.01	2.74	0.5586	0.4159	15.0	R_m	47.39	34.37	35.9	0.5202	58.54
04	62.23	48.77	2.77	0.5468	0.4286	19.1		44.12	37.44	40.3	0.4746	57.87
05	63.73	52.49	2.81	0.5353	0.4409	23.4		40.3	40.48	45.1	0.4353	57.12
06	64.94	56.11	2.88	0.524	0.4527	27.8		36.05	43.4	50.2	0.4022	56.42
07	66.65	62.96	3.11	0.5021	0.4743	36.4		26.63	48.82	61.3	0.3533	55.61
08	67.48	68.78	3.54	0.4826	0.492	44.2		17.17	53.19	72.1	0.325	55.89
09	67.65	71.15	3.88	0.4741	0.4986	47.4	Y_m	12.94	54.8	76.7	0.3165	56.31
10	67.73	74.76	5.02	0.4591	0.5067	52.5		5.88	56.64	84.0	0.3047	56.95
11	67.75	76.06	5.88	0.4525	0.508	54.4		3.16	56.85	86.8	0.2994	56.93
12	53.95	71.6	6.98	0.407	0.5402	71.3	max	−19.27	52.08	110.3	0.3102	55.53
13	30.59	59.41	8.37	0.3109	0.6039	98.0		−48.23	40.62	139.8	0.4246	63.06
14	24.67	55.34	12.71	0.266	0.5968	108.4		−54.79	32.93	148.9	0.462	63.92
15	21.53	52.24	12.71	0.2489	0.6039	111.4	G_m	−55.82	30.38	151.4	0.4866	63.56
16	19.94	50.5	15.93	0.2308	0.5845	116.9		−56.91	25.72	155.6	0.4947	62.45
17	19.81	50.0	19.91	0.2208	0.5572	122.1		−57.32	21.33	159.5	0.4893	61.16
18	19.83	49.37	24.66	0.2113	0.5259	128.7		−57.37	16.06	164.3	0.4827	59.57
19	20.93	48.75	35.68	0.1986	0.4625	144.6		−56.77	4.5	175.4	0.4673	56.95
20	23.41	48.25	52.04	0.1892	0.3899	168.6		−54.8	−12.25	192.5	0.4655	56.16
21	30.72	52.33	71.51	0.1987	0.3385	187.7	C_m	−51.72	−28.36	208.7	0.4509	58.99
22	26.32	44.98	71.49	0.1843	0.315	195.0		−47.4	−34.38	215.9	0.5207	58.56
23	24.54	41.22	71.47	0.1788	0.3004	199.2		−44.14	−37.44	220.3	0.5617	57.89
24	23.04	37.5	71.42	0.1746	0.2841	203.5		−40.31	−40.5	225.1	0.6096	57.15
25	21.82	33.88	71.36	0.1717	0.2666	207.8		−36.08	−43.4	230.2	0.6664	56.44
26	20.12	27.03	71.12	0.1701	0.2285	216.5		−26.65	−48.83	241.3	0.8232	55.63
27	19.29	21.21	70.69	0.1735	0.1907	224.2	B_m	−17.2	−53.2	252.0	1.0545	55.91
28	19.12	18.84	70.36	0.1764	0.1738	227.5		−12.95	−54.81	256.7	1.1957	56.32
29	19.04	15.23	69.22	0.1839	0.1471	232.5		−5.9	−56.67	264.0	1.4966	56.98
30	19.02	13.93	68.36	0.1877	0.1375	234.4		−3.21	−56.84	266.7	1.635	56.93
31	32.82	18.39	67.26	0.277	0.1552	251.3	min	19.24	−52.09	290.2	1.2079	55.53
32	56.18	30.58	65.87	0.368	0.2002	278.0		48.2	−40.65	319.8	0.8248	63.05
33	62.1	34.65	61.52	0.3923	0.2189	288.5		54.75	−32.94	328.9	0.7377	63.9
34	65.25	37.75	61.53	0.3965	0.2294	291.5	M_m	55.81	−30.38	331.4	0.6733	63.55
35	66.83	39.49	58.3	0.4059	0.2398	296.9		56.91	−25.73	335.6	0.6326	62.45
36	66.96	39.99	54.33	0.4151	0.2479	302.1		57.31	−21.34	339.5	0.6117	61.15
37	66.94	40.62	49.58	0.4259	0.2585	308.7		57.33	−16.07	344.3	0.5863	59.54
38	65.83	41.24	38.54	0.452	0.2832	324.7		56.71	−4.51	355.4	0.5518	56.89
39	63.36	41.74	22.19	0.4977	0.3279	348.6		54.77	12.24	12.5	0.5378	56.12
40	60.44	41.54	8.1	0.5489	0.3773	725.2		52.52	26.15	26.4	0.565	58.67
41	56.05	37.66	2.71	0.5812	0.3905	727.7		51.7	28.35	28.7	0.6263	58.96
42	3.47	3.6	2.96	0.3457	0.3585	0.0		0.0	0.0	0.0	0.0	0.0
43	86.78	90.0	74.24	0.3457	0.3585	0.0		0.0	0.0	0.0	0.0	0.0

eeu30−7n, eeg80−7n

CIEXYZ and TUBJND data of *Ostwald* colours for CIE illuminant D50, x_c=0,11, B_c=1,00

n	*X*	*Y*	*Z*	*x*	*y*	*z*	*colour*	a_2−a_{2n}	b_2−b_{2n}	$h_{ab,2}$	$c_{ab,2}$	Y_r=*Y*/45	$c_{ab,2}$/Y_r	$C_{ab,2}$
00	63.36	41.74	22.19	0.497	0.327	0.174		0.524	0.117	12.5	0.537	0.927	0.498	56.12
01	60.44	41.54	8.1	0.548	0.377	0.073		0.505	0.251	26.4	0.565	0.923	0.521	58.67
02	56.05	37.66	2.71	0.581	0.39	0.028	R_m	0.549	0.301	28.7	0.626	0.836	0.524	58.96
03	60.45	45.01	2.74	0.558	0.415	0.025		0.421	0.305	35.9	0.52	1.0	0.52	58.54
04	62.23	48.77	2.77	0.546	0.428	0.024		0.361	0.307	40.3	0.474	1.083	0.514	57.87
05	63.73	52.49	2.81	0.535	0.44	0.023		0.307	0.308	45.1	0.435	1.166	0.507	57.12
06	64.94	56.11	2.88	0.524	0.452	0.023		0.257	0.309	50.2	0.402	1.246	0.501	56.42
07	66.65	62.96	3.11	0.502	0.474	0.023		0.169	0.31	61.3	0.353	1.399	0.494	55.61
08	67.48	68.78	3.54	0.482	0.492	0.025	Y_m	0.099	0.309	72.1	0.325	1.528	0.496	55.89
09	67.65	71.15	3.88	0.474	0.498	0.027		0.072	0.308	76.7	0.316	1.581	0.5	56.31
10	67.73	74.76	5.02	0.459	0.506	0.034		0.031	0.303	84.0	0.304	1.661	0.506	56.95
11	67.75	76.06	5.88	0.452	0.508	0.039	max	0.016	0.298	86.8	0.299	1.69	0.506	56.93
12	53.95	71.6	6.98	0.407	0.54	0.052		−0.107	0.29	110.3	0.31	1.591	0.493	55.53
13	30.59	59.41	8.37	0.31	0.603	0.085		−0.324	0.273	139.8	0.424	1.32	0.56	63.06
14	24.67	55.34	12.71	0.266	0.596	0.137	G_m	−0.396	0.238	148.9	0.462	1.229	0.568	63.92
15	21.53	52.24	12.71	0.248	0.604	0.146		−0.427	0.232	151.4	0.486	1.16	0.564	63.56
16	19.94	50.5	15.93	0.23	0.584	0.184		−0.45	0.203	155.6	0.494	1.122	0.555	62.45
17	19.81	50.0	19.91	0.22	0.557	0.221		−0.458	0.17	159.5	0.489	1.111	0.543	61.16
18	19.83	49.37	24.66	0.211	0.525	0.262		−0.464	0.13	164.3	0.482	1.097	0.529	59.57
19	20.93	48.75	35.68	0.198	0.462	0.338		−0.465	0.036	175.4	0.467	1.083	0.506	56.95
20	23.41	48.25	52.04	0.189	0.39	0.42	C_m	−0.454	−0.101	192.5	0.465	1.072	0.499	56.16
21	30.72	52.33	71.51	0.198	0.338	0.462		−0.395	−0.216	208.7	0.45	1.162	0.524	58.99
22	26.32	44.98	71.49	0.184	0.315	0.5		−0.421	−0.305	215.9	0.52	0.999	0.52	58.56
23	24.54	41.22	71.47	0.178	0.3	0.52		−0.428	−0.363	220.3	0.561	0.916	0.514	57.89
24	23.04	37.5	71.42	0.174	0.284	0.541		−0.43	−0.432	225.1	0.609	0.833	0.508	57.15
25	21.82	33.88	71.36	0.171	0.266	0.561		−0.426	−0.512	230.2	0.666	0.752	0.501	56.44
26	20.12	27.03	71.12	0.17	0.228	0.601	B_m	−0.394	−0.722	241.3	0.823	0.6	0.494	55.63
27	19.12	18.84	70.36	0.176	0.173	0.649		−0.275	−1.163	256.7	1.195	0.418	0.5	56.32
28	19.04	15.23	69.22	0.183	0.147	0.668		−0.155	−1.488	264.0	1.496	0.338	0.506	56.98
29	19.02	13.93	68.36	0.187	0.137	0.674		−0.092	−1.632	266.7	1.635	0.309	0.506	56.93
30	32.82	18.39	67.26	0.277	0.155	0.567	min	0.418	−1.133	290.2	1.207	0.408	0.493	55.53
31	56.18	30.58	65.87	0.368	0.2	0.431		0.63	−0.531	319.8	0.824	0.679	0.56	63.05
32	62.1	34.65	61.52	0.392	0.218	0.388		0.632	−0.38	328.9	0.737	0.77	0.568	63.9
33	65.25	37.75	61.53	0.396	0.229	0.373	M_m	0.591	−0.322	331.4	0.673	0.838	0.564	63.55
34	66.83	39.49	58.3	0.405	0.239	0.354		0.576	−0.26	335.6	0.632	0.877	0.555	62.45
35	66.96	39.99	54.33	0.415	0.247	0.336		0.573	−0.213	339.5	0.611	0.888	0.543	61.15
36	66.94	40.62	49.58	0.425	0.258	0.315		0.564	−0.158	344.3	0.586	0.902	0.529	59.54
37	65.83	41.24	38.54	0.452	0.283	0.264		0.55	−0.043	355.4	0.551	0.916	0.505	56.89
38	63.36	41.74	22.19	0.497	0.327	0.174		0.524	0.117	12.5	0.537	0.927	0.498	56.12
39	60.44	41.54	8.1	0.548	0.377	0.073		0.505	0.251	26.4	0.565	0.923	0.521	58.67
40	56.05	37.66	2.71	0.581	0.39	0.028		0.549	0.301	28.7	0.626	0.836	0.524	58.96
41	3.47	3.6	2.96	0.345	0.358	0.295		0.0	0.0	0.0	0.0	0.08	0.0	0.0
42	86.78	90.0	74.24	0.345	0.358	0.295		B_c=1,00 included in b_2, b_{2n}						

eeu31−7

TUB registration: 20230701-eeu3/eeu3l0np.pdf /.ps
application for evaluation and measurement of display or print output
TUB material: code=rha4ta