

%Xn	Yn	Zn	X0	Y0	Z0	X1	Y1	Z1	DV	dE*ab	dE*76	dE*CM	dE*85	NR	L*	a*	b*	C*	h°	h0	L*	a*	b*	C*	h1	CODE %
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Minimum, maximum and average colour difference value
STRESS constant F and STRESS value S

iai+1 = 238, d_CIELABmina = 4.11, d_CIELABmaxa = 35.78, d_CIELABavea = 11.74

iai+1 = 238, CIELAB_Fa = 1.48, CIELAB_STRESSa = 30.65

iai+1 = 238, d_CIELCHmina = 4.11, d_CIELCHmaxa = 35.63, d_CIELCHavea = 11.71

iai+1 = 238, CIELCHFa = 1.48, CIELCHSTRESSa = 30.58

iai+1 = 238, d_C94LCHmina = 2.94, d_C94LCHmaxa = 14.94, d_C94LCHavea = 7.65

iai+1 = 238, C94LCHFa = 1.01, C94LCHSTRESSa = 20.17

iai+1 = 238, d_CMCLCHmina = 3.42, d_CMCLCHmaxa = 20.99, d_CMCLCHavea = 8.91

iai+1 = 238, CMCLCHFa = 1.16, CMCLCHSTRESSa = 22.13

iai+1 = 238, d_C00LCHmina = 2.84, d_C00LCHmaxa = 18.02, d_C00LCHavea = 7.9

iai+1 = 238, C00LCHFa = 1.04, C00LCHSTRESSa = 18.9

iai+1 = 238, d_C85LCHmina = 10.78, d_C85LCHmaxa = 124.47, d_C85LCHavea = 47.7

iai+1 = 238, C85LCHFa = 6.67, C85LCHSTRESSa = 39.61

%*0	a*0	b*0	C*ab0	hab0	L*1	a*1	b*1	C*ab1	hab1	DV	DE*ab	DE*94	DE*CM	DE*00	dE*85	NR	L*0 a*0	b*0	C*0	h0	L*1 a*1	b*1	C*1	h1	CODE
%CIELAB data for all colour (a) of experiment, iimp=238, colour difference pairs BA_l0238, xchart3=1, xchart4=1 %																									
19.64	-0.79	0.58	0.98	143.58	25.33	-0.49	0.48	0.68	135.5	5.76	5.69	5.69	8.63	4.06	63.28	86000001	20	0	0	143	25	0	0	135	
25.33	-0.49	0.48	0.69	135.61	30.12	-0.49	0.78	0.92	122.2	4.79	4.8	4.8	6.29	3.62	54.79	86000002	25	0	0	135	30	0	0	122	
30.12	-0.49	0.78	0.92	122.3	34.92	-0.59	0.67	0.9	131.1	4.25	4.79	4.79	5.66	3.82	54.57	86000003	30	0	0	122	35	0	0	131	
34.92	-0.59	0.67	0.9	131.11	39.61	-0.89	0.57	1.06	147.0	4.79	4.7	4.7	5.11	4.0	52.36	86000004	35	0	0	131	40	0	0	147	
39.61	-0.89	0.57	1.06	147.08	44.91	-0.79	0.37	0.87	154.6	5.09	5.3	5.3	5.35	4.81	57.08	86000005	40	0	0	147	45	0	0	154	
44.91	-0.79	0.37	0.87	154.62	49.21	-0.69	0.37	0.78	151.5	4.01	4.29	4.29	4.08	4.19	44.63	86000006	45	0	0	154	49	0	0	151	
49.21	-0.69	0.37	0.78	151.59	54.21	-0.79	0.57	0.97	144.1	3.79	5.0	5.0	4.52	4.95	49.78	86000007	49	0	0	154	54	0	0	144	
54.21	-0.79	0.57	0.97	144.13	59.4	-0.59	0.46	0.75	141.4	4.01	5.2	5.2	4.48	4.79	49.4	86000008	54	0	0	144	59	0	0	141	
59.4	-0.59	0.46	0.75	141.47	63.5	-0.48	0.76	0.91	122.4	2.83	4.11	4.11	3.42	3.54	37.34	86000009	59	0	0	141	64	0	0	122	
63.5	-0.48	0.76	0.91	122.49	68.7	-0.88	0.46	1.0	152.3	3.38	5.22	5.22	4.22	4.26	45.3	86000010	64	0	0	122	69	0	0	152	
68.7	-0.88	0.46	1.0	152.33	73.7	-0.78	0.66	1.03	139.8	3.01	5.0	5.0	3.87	3.82	41.53	86000011	69	0	0	152	74	0	0	139	
73.7	-0.78	0.66	1.03	139.88	78.4	-0.98	0.56	1.13	150.3	2.67	4.7	4.7	3.54	3.4	37.36	86000012	74	0	0	152	78	0	0	150	
78.4	-0.98	0.56	1.13	150.35	83.7	-0.38	0.75	0.85	116.9	2.19	5.33	5.33	3.98	3.73	40.29	86000013	78	0	0	152	83	0	0	116	
83.7	-0.38	0.75	0.85	116.95	90.1	-0.78	0.75	1.09	136.0	2.19	6.41	6.41	4.58	4.16	46.2	86000014	84	0	0	152	87	0	0	136	
90.1	-0.78	0.75	1.09	136.02	94.1	-19.48	36.35	41.24	118.1	4.93	10.48	6.44	6.04	6.02	16.81	86000015	50	-28	30	41	132	49	-19	36	
94.1	-19.48	36.35	41.24	118.18	50.11	-10.68	42.45	43.77	104.1	6.07	10.72	6.52	6.43	6.69	19.06	86000016	49	-19	36	41	118	50	-10	42	
50.11	-10.68	42.45	43.77	104.13	49.51	-10.78	30.06	31.93	109.7	4.75	10.73	4.64	5.42	5.0	18.9	86000017	50	-28	30	41	132	50	-20	31	
49.51	-10.78	30.06	31.93	109.73	49.61	-0.89	36.65	36.66	91.3	7.02	11.39	5.89	6.81	6.83	21.94	86000018	50	-10	42	43	104	50	-36	91	
49.61	-0.89	36.65	36.66	91.39	49.81	19.6	46.74	50.68	67.2	3.4	11.73	3.39	4.87	3.81	11.63	86000019	50	20	58	62	70	50	19	46	
49.81	19.6	46.74	50.68	67.24	49.61	29.9	52.73	60.62	60.4	3.58	10.95	2.94	4.44	3.28	10.78	86000020	50	32	63	71	63	50	29	52	
49.61	29.9	52.73	60.62	60.44	49.51	41.69	59.51	72.66	54.9	5.99	10.19	4.92	8.68	6.08	20.46	86000021	50	20	58	62	70	50	29	52	
49.51	41.69	59.51	72.66	54.94	49.61	-20.08	24.46	31.65	129.3	5.87	11.14	7.13	6.84	6.54	20.63	86000022	50	-29	18	34	147	50	-20	31	
49.61	-20.08	24.46	31.65	129.38	49.51	-10.78	30.06	31.93	109.7	5.69	10.85	7.35	7.26	7.3	20.61	86000023	50	-20	30	31	109	50	-36	91	
49.51	-10.78	30.06	31.93	109.73	49.61	-0.89	36.65	36.66	91.3	6.88	11.62	6.38	7.52	7.09	23.04	86000024	50	-10	42	43	104	50	-36	91	
49.61	-0.89	36.65	36.66	91.39	49.81	8.6	43.34	44.19	78.7	6.88	11.62	6.38	7.52	7.09	23.04	86000025	50	0	36	36	91	50	8	44	
49.81	8.6	43.34	44.19	78.77	49.81	19.6	46.74	50.68	67.2	5.99	11.5	6.11	8.25	7.04	23.82	86000026	50	8	44	44	78	50	19	46	
49.81	19.6	46.74	50.68	67.24	49.61	29.9	52.73	60.62	60.4	5.55	11.91	4.81	6.87	5.22	22.3	86000027	50	19	46	44	78	50	19	46	
49.61	29.9	52.73	60.62	60.44	49.51	41.69	59.51	72.66	54.9	5.95	13.6	4.62	7.07	4.92	23.94	86000028	50	29	52	60	60	50	41	59	
49.51	41.69	59.51	72.66	54.94	49.61	-19.78	12.47	23.38	147.7	5.41	11.4	4.44	5.75	5.04	22.98	86000029	50	-29	18	34	147	50	-19	12	
49.61	-19.78	12.47	23.38	147.73	49.91	-19.78	12.47	23.38	147.7	5.41	12.0	6.81	7.33	6.61	32.82	86000030	50	-20	24	31	129	50	-19	12	
49.91	-19.78	12.47	23.38	147.73	49.61	-10.48	17.86	20.71	120.4	5.28	11.64	5.26	6.48	6.03	32.48	86000031	50	-20	24	31	129	50	-10	17	
49.61	-10.48	17.86	20.71	120.4	49.61	-10.48	17.86	20.71	120.4	5.28	11.64	5.26	6.48	6.03	32.48	86000032	50	-10	30	31	109	50	-10	17	
49.61	-10.48	17.86	20.71	120.4	49.61	-0.99	24.16	24.18	92.3	6.92	11.43	6.51	7.75	7.76	23.53	86000033	50	-10	30	31	109	50	-24	24	
49.61	-0.99	24.16	24.18	92.3	49.61	-0.99	24.16	24.18	92.3	4.59	12.49	4.72	6.17	5.28	23.93	86000034	50	0	36	36	91	50	0	24	
49.61	-0.99	24.16	24.18	92.3	49.61	-0.99	24.16	24.18	92.3	7.51	11.47	6.73	8.87	8.14	23.58	86000035	50	0	36	36	91	50	0	24	
49.61	-0.99	24.16	24.18	92.3	49.61	8.2	29.66	30.77	74.5	4.96	13.69	4.78	6.45	5.41	21.83	86000036	50	8	43	44	78	50	8	29	
49.61	8.2	29.66	30.77	74.5	49.61	8.2	29.66	30.77	74.5	4.96	13.69	4.78	6.45	5.41	21.83	86000037	50	8	43	44	78	50	8	29	
49.61	8.2	29.66	30.77	74.5	49.61	18.0	36.25	40.48	63.5	5.87	10.61	3.54	4.97	3.94	15.66	86000038	50	19	46	50	67	50	18	36	
49.61	18.0	36.25	40.48	63.5	49.61	18.0	36.25	40.48	63.5	5.87	10.61	3.54	4.97	3.94	15.66	86000039	50	19	46	50	67	50	18	36	
49.61	18.0	36.25	40.48	63.5	49.61	28.5	42.25	50.96	55.9	7.78	9.96	5.66	9.49	6.81	19.11	86000040	50	29	52	60	60	50	28	42	
49.61	28.5	42.25	50.96	55.9	49.61	28.5	42.25	50.96	55.9	4.67	10.57	3.44	5.51	3.95	12.46	86000041	50	29	52	60	60	50	28	42	
49.61	28.5	42.25	50.96	55.9	49.61	40.39	46.94	61.93	49.2	7.06	11.99	6.26	11.77	7.55	21.54	86000042	50	29	52	60	60	50	40	61	
49.61	40.39	46.94	61.93	49.2	49.61	40.39	46.94	61.93	49.2	4.41	12.64	4.09	7.05	4.86	13.35	86000043	50	41	59	72	54	50	40	61	
49.61	40.39	46.94	61.93	49.2	49.61	-10.48	17.86	20.71	120.4	6.27	10.75	7.82	8.14	8.01	23.03	86000044	50	-19	12	23	147	50	-10	17	
49.61	-10.48	17.86	20.71	120.4	49.61	-0.99	24.16	24.18	92.3	7.21	11.39	8.47	9.44	10.02	24.96	86000045	50	-10	17	20	120	50	-36	91	
49.61	-0.99	24.16	24.18	92.3	49.61	-0.99	24.16	24.18	92.3	7.21	11.39	8.47	9.44	10.02	24.96	86000046	50	-10	17	20	120	50	-36	91	

Eingabe: w/rgb/cmyk -> (w/rgb/cmyk)

TUB-Prüfvorlage XG86;
, alle Farben von 128Chromatische Prüfvorlage RGB

%CIELAB data for all colour (a) of experiment, iimp=238, colour difference pairs BA_L0238, xchart3=1, xchart4=1, %																											
59.3	-0.48	-21.83	21.83	268.71	49.71	-10.38	-16.22	19.26	237.3	12.89	14.88	12.78	13.22	13.18	95.85	86000201	59	0	-21	21	268	50	-10	16	19	237	(
59.3	-0.48	-21.83	21.83	268.71	49.61	-0.29	-11.12	11.12	268.5	11.38	14.44	11.09	11.1	11.1	101.4386000202	59	0	-21	21	268	50	0	-11	11	268	(	
59.3	-0.48	-21.83	21.83	268.71	49.61	-10.78	-28.32	30.31	249.1	14.58	15.56	12.47	12.08	13.17	106.8686000203	59	0	-21	21	268	50	-10	-28	30	249	(	
59.3	-0.48	-21.83	21.83	268.71	49.11	9.4	-17.42	19.8	298.3	13.71	14.87	13.0	14.36	15.46	101.1686000204	59	0	-21	21	268	49	9	-17	19	298	(	
59.0	0.21	-22.33	22.33	270.53	49.41	9.5	-28.82	30.35	288.2	12.11	14.85	12.0	12.04	10.89	106.2586000205	59	0	-22	22	270	49	9	-28	30	288	(	
59.0	0.21	-22.33	22.33	270.53	49.71	3.3	-24.82	25.04	277.5	8.28	10.11	9.64	8.76	9.2	93.86	86000206	59	0	-22	22	270	50	3	-24	25	277	(
59.0	0.21	-22.33	22.33	270.53	49.91	-0.39	-33.92	33.92	269.3	11.38	14.75	10.78	9.97	10.26	113.4886000207	59	0	-22	22	270	50	0	-33	33	269	(	
59.0	0.21	-22.33	22.33	270.53	49.81	-1.19	-27.12	27.15	267.4	9.85	10.46	9.55	8.58	9.32	96.59	86000208	59	0	-22	22	270	50	-1	-27	27	267	(
49.61	4.1	-7.12	8.22	299.96	49.41	-0.19	0.67	0.69	105.8	8.83	8.9	6.94	10.14	8.51	37.49	86000209	50	4	-7	8	299	49	0	0	0	105	(
49.51	4.2	-2.42	4.85	330.03	49.61	-0.29	-11.12	11.12	268.5	8.28	9.79	8.69	11.49	9.94	42.3	86000210	50	4	-2	4	330	50	0	-11	11	268	(
49.61	-0.69	-4.22	4.28	260.71	49.01	9.0	-5.72	10.67	327.5	9.42	9.83	8.83	11.75	12.04	23.56	86000211	50	0	-4	4	260	49	9	-5	10	327	(
58.9	-0.68	0.56	0.89	140.43	49.41	-0.19	0.67	0.69	105.8	7.26	9.51	9.51	8.4	9.13	91.81	86000212	59	0	0	0	140	49	0	0	0	105	(
58.9	-0.68	0.56	0.89	140.43	49.61	-0.29	-11.12	11.12	268.5	11.38	14.94	14.64	14.79	13.07	105.8886000213	59	0	0	0	140	50	0	-11	11	268	(	
58.9	-0.68	0.56	0.89	140.43	49.01	9.0	-5.72	10.67	327.5	12.11	15.21	14.94	15.3	15.47	102.6786000214	59	0	0	0	140	49	9	-5	10	327	(	
58.9	-0.68	0.56	0.89	140.43	49.71	-10.48	6.47	12.32	148.3	12.89	14.67	14.33	13.77	14.25	94.67	86000215	59	0	0	0	140	50	-10	6	12	148	(
58.9	-0.68	0.56	0.89	140.43	49.01	-1.39	11.67	11.75	96.7	11.38	14.88	14.58	14.16	12.92	105.6	86000216	59	0	0	0	140	49	-1	11	11	96	(
58.9	-0.68	0.56	0.89	140.43	49.41	-9.88	-4.92	11.04	206.4	12.11	14.31	14.03	13.84	14.2	97.36	86000217	59	0	0	0	140	49	-9	-4	11	206	(
58.9	-0.68	0.56	0.89	140.43	49.71	9.1	5.87	10.83	32.8	10.69	14.44	14.15	14.68	15.08	94.37	86000218	59	0	0	0	140	50	9	5	10	32	(
58.9	-0.68	0.56	0.89	140.43	49.61	4.1	-7.12	8.22	299.9	11.38	12.98	12.8	13.23	12.55	97.52	86000219	59	0	0	0	140	50	4	-7	8	299	(
58.9	-0.68	0.56	0.89	140.43	49.51	4.2	-2.42	4.85	330.0	11.38	11.01	10.93	11.01	11.41	92.51	86000220	59	0	0	0	140	50	4	-2	4	330	(
58.9	-0.68	0.56	0.89	140.43	49.61	-0.69	-4.22	4.28	260.7	10.69	10.46	10.4	10.22	9.95	92.57	86000221	59	0	0	0	140	50	0	-4	260	(	
49.51	4.2	-2.42	4.85	330.03	49.41	-0.19	0.67	0.69	105.8	6.35	5.38	4.66	6.78	6.39	17.28	86000222	50	4	-2	4	330	49	0	0	0	105	(
49.51	4.2	-2.42	4.85	330.03	49.01	9.0	-5.72	10.67	327.5	5.17	5.84	4.8	5.37	5.35	19.57	86000223	50	4	-2	4	330	49	9	-5	10	327	(
49.61	-0.69	-4.22	4.28	260.71	49.41	-0.19	0.67	0.69	105.8	5.94	4.92	4.37	6.32	4.61	22.67	86000224	50	0	-4	4	260	49	0	0	0	105	(
49.61	-0.69	-4.22	4.28	260.71	49.61	-0.29	-11.12	11.12	268.5	5.94	6.91	5.8	6.43	5.16	32.75	86000225	50	0	-4	4	260	50	0	-11	11	268	(
49.61	4.1	-7.12	8.22	299.96	49.01	9.0	-5.72	10.67	327.5	5.54	5.12	4.4	5.85	5.58	14.02	86000226	50	4	-7	8	299	49	9	-5	10	327	(
49.61	4.1	-7.12	8.22	299.96	49.61	-0.29	-11.12	11.12	268.5	6.79	5.94	5.08	7.59	7.18	21.46	86000227	50	4	-7	8	299	50	0	-11	11	268	(
49.61	4.1	-7.12	8.22	299.96	49.51	4.2	-2.42	4.85	330.0	4.48	4.7	3.81	5.31	3.92	22.01	86000228	50	4	-7	8	299	50	4	-2	4	330	(
49.61	4.1	-7.12	8.22	299.96	49.61	-0.69	-4.22	4.28	260.7	6.35	5.6	4.56	6.81	6.79	17.32	86000229	50	4	-7	8	299	50	0	4	260	(	
49.51	4.2	-2.42	4.85	330.03	49.61	-0.69	-4.22	4.28	260.7	6.35	5.21	4.85	6.87	7.18	13.77	86000230	50	4	-2	4	330	50	0	-4	260	(	
49.21	4.0	-30.32	30.58	277.52	49.91	-0.39	-33.92	33.92	269.3	6.79	5.72	3.52	4.11	4.88	20.04	86000231	49	4	-30	30	277	50	0	-33	33	269	(
49.21	4.0	-30.32	30.58	277.52	49.41	9.5	-28.82	30.35	288.2	7.76	5.7	3.9	4.98	5.07	14.5	86000232	49	4	-30	30	277	49	9	-28	30	288	(
49.81	-10.78	42.25	43.6	104.32	49.51	-10.38	17.86	20.66	120.1	8.28	24.38	9.22	12.41	11.0	47.72	86000233	50	-10	42	43	104	50	-10	17	20	120	(
49.81	-10.78	42.25	43.6	104.32	49.71	-10.48	6.47	12.32	148.3	12.11	35.78	14.89	20.12	18.02	84.67	86000234	50	-10	42	43	104	50	-10	6	12	148	(
50.11	32.2	63.1	70.84	62.96	48.91	29.1	38.85	48.54	53.1	8.83	24.47	7.3	12.46	8.91	27.02	86000235	50	32	63	70	62	49	29	38	48	53	(
49.51	20.8	58.41	62.01	70.39	50.11	17.9	36.25	40.43	63.7	6.79	22.35	6.47	9.75	7.68	27.29	86000236	50	20	58	62	70	50	17	36	40	63	(
78.1	-0.98	1.06	1.44	132.9	89.5	-0.88	1.65	1.87	118.1	5.17	11.41	11.41	8.27	7.6	84.04	86000237	78	0	1	1	132	90	0	1	1	118	(
25.33	-0.59	0.68	0.9	131.02	19.94	-0.79	1.08	1.34	126.2	5.17	5.4	5.4	8.15	3.86	60.11	86000238	25	0	0	0	131	20	0	1	1	126	(

%*0	a*0	b*0	C*ab0	hab0	L*1	a*1	b*1	C*ab1	hab1	DV	dE*ab	dE*94	dE*CM	dE*00	dE*85	NR	L*0	a*0	b*0	C*0	h0	L*1	a*1	b*1	C*1	h1	CODE	%
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%CIELAB data for all colour (a) of experiment, iimp=238, colour difference pairs BA_L0238, xchart3=1, xchart4=1 %																												
Minimum, maximum and average colour difference value																												
STRESS constant F and STRESS value S																												
iai+1 = 238, d_CIELABmina = 4.11, d_CIELABmaxa = 35.78, d_CIELABavea = 11.74																												
iai+1 = 238, CIELAB_Fa = 1.48, CIELAB_STRESSa = 30.65																												
iai+1 = 238, d_CIELCHmina = 4.11, d_CIELCHmaxa = 35.63, d_CIELCHavea = 11.71																												
iai+1 = 238, CIELCHFa = 1.48, CIELCHSTRESSa = 30.58																												
iai+1 = 238, d_C94LCHmina = 2.94, d_C94LCHmaxa = 14.94, d_C94LCHavea = 7.65																												
iai+1 = 238, C94LCHFa = 1.01, C94LCHSTRESSa = 20.17																												
iai+1 = 238, d_CMCLCHmina = 3.42, d_CMCLCHmaxa = 20.99, d_CMCLCHavea = 8.91																												
iai+1 = 238, CMCLCHFa = 1.16, CMCLCHSTRESSa = 22.13																												
iai+1 = 238, d_C00LCHmina = 2.84, d_C00LCHmaxa = 18.02, d_C00LCHavea = 7.9																												
iai+1 = 238, C00LCHFa = 1.04, C00LCHSTRESSa = 18.9																												
iai+1 = 238, d_C85LCHmina = 10.78, d_C85LCHmaxa = 124.47, d_C85LCHavea = 47.7																												
iai+1 = 238, C85LCHFa = 6.67, C85LCHSTRESSa = 39.61																												