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%Xn	Yn	Zn	X0	Y0	Z0	X1	Y1	Z1	DV	dE*ab	dE*76	dE*94	dE*CM	dE*T00	dE*85	NR	L*0 a*0 b*0 C*0 h0	L*1 a*1 b*1 C*1 h1	CODE	%									
%1000*(CIEXYZ & DV) for all colours (a) of experiment, iimp=100, colour difference pairs of dataset WA_T0100, xchart3=1, xchart4=0 %																													
0094810	01000000	0107304	0018305	0019258	0020167	0018321	0019222	0020053	0000510	00030	00030	00029	00043	00040	00095	71000001	51	0	0	0	75 51	0	1	1	64	(	)	%	
0094810	0100000	0107304	0018305	0019258	0020167	0018261	0019268	0020100	0000485	00031	00031	00031	00045	00044	00090	71000002	51	0	0	0	75 51	0	1	1	91	(	)	%	
0094810	0100000	0107304	0018305	0019258	0020167	0018026	0018980	0019870	0000457	00033	00033	00033	00031	00034	00326	71000003	51	0	0	0	75 51	0	0	0	80	(	)	%	
0094810	0100000	0107304	0018307	0019278	0020022	0018311	0019242	0020099	0000449	00029	00029	00029	00042	00036	00112	71000004	51	0	1	1	82 51	0	1	1	70	(	)	%	
0094810	0100000	0107304	0018307	0019278	0020022	0018272	0019192	0020123	0000527	00045	00044	00043	00063	00051	00195	71000005	51	0	1	1	82 51	0	0	0	65	(	)	%	
0094810	0100000	0107304	0018374	0019180	0020125	0018363	0019241	0020199	0000527	00037	00037	00035	00051	00052	00107	71000006	51	0	0	1	40 51	0	0	0	1	52	(	)	%
0094810	0100000	0107304	0018212	0019207	0020185	0018613	0019603	0020585	0000554	00047	00047	00047	00046	00049	00459	71000007	51	0	0	0	89 51	0	0	0	80	(	)	%	
0094810	0100000	0107304	0018871	0019868	0020844	0018503	0019479	0020402	0000485	00044	00044	00044	00041	00044	00445	71000008	52	0	0	0	78 51	0	0	0	78	(	)	%	
0094810	0100000	0107304	0018503	0019479	0020402	0018187	0019155	0020037	0000465	00037	00037	00037	00035	00038	00377	71000009	51	0	0	0	78 51	0	0	0	81	(	)	%	
0094810	0100000	0107304	0017659	0018605	0019495	0018026	0018980	0020987	0000485	00044	00044	00044	00041	00045	00446	71000010	50	0	0	0	83 51	0	0	0	80	(	)	%	
0094810	0100000	0107304	0056257	0059379	0061587	0057181	0060414	0062729	0000449	00058	00058	00058	00045	00043	00427	71000011	82	0	1	1	93 82	0	1	1	97	(	)	%	
0094810	0100000	0107304	0056257	0059379	0061587	0055178	0058272	0060582	0000426	00063	00063	00062	00049	00045	00465	71000012	82	0	1	1	93 81	0	1	1	95	(	)	%	
0094810	0100000	0107304	0056328	0059369	0062193	0056050	0059195	0061796	0000441	00035	00035	00034	00047	00045	00107	71000013	81	0	1	1	85 81	0	1	1	96	(	)	%	
0094810	0100000	0107304	0056118	0059329	0062003	0055964	0059207	0062387	0000441	00047	00047	00044	00065	00046	00160	71000014	81	0	1	1	102 81	0	1	1	112	(	)	%	
0094810	0100000	0107304	0056205	0059364	0062188	0056397	0059548	0061930	0000388	00041	00041	00039	00055	00039	00153	71000015	81	0	1	1	98 82	0	1	1	94	(	)	%	
0094810	0100000	0107304	0056205	0059364	0062188	0057365	0060633	0063530	0000496	00069	00069	00069	00052	00049	00521	71000016	81	0	1	1	98 82	0	1	1	102	(	)	%	
0094810	0100000	0107304	0055178	0058272	0060582	0056397	0059548	0061930	0000441	00070	00070	00070	00051	00048	00533	71000017	81	0	1	1	95 82	0	1	1	94	(	)	%	
0094810	0100000	0107304	0056444	0059647	0062389	0056397	0059548	0061930	0000419	00034	00034	00032	00046	00034	00114	71000018	82	0	1	1	100 82	0	1	1	94	(	)	%	
0094810	0100000	0107304	0056444	0059647	0062389	0057365	0060633	0063530	0000426	00054	00054	00054	00041	00037	00405	71000019	82	0	1	1	100 82	0	1	1	102	(	)	%	
0094810	0100000	0107304	0054727	0057822	0060618	0055593	0058686	0061543	0000441	00049	00049	00049	00038	00037	00365	71000020	81	0	1	1	100 81	0	1	1	95	(	)	%	
0094810	0100000	0107304	0012884	0009703	0006033	0012974	0009681	0005919	0000404	00087	00087	00036	00042	00036	00216	71000021	37	27	15	31	29 37	28	15	32	29	(	)	%	
0094810	0100000	0107304	0013075	0009770	0005852	0013186	0009832	0006009	0000449	00054	00054	00037	00049	00039	00196	71000022	37	28	16	32	30 38	28	15	32	29	(	)	%	
0094810	0100000	0107304	0013416	0010024	0006129	0013186	0009832	0006009	0000404	00035	00035	00035	00037	00030	00388	71000023	38	28	15	32	29 38	28	15	32	29	(	)	%	
0094810	0100000	0107304	0013416	0010024	0006129	0013254	0009959	0006187	0000449	00071	00071	00031	00037	00031	00205	71000024	38	28	15	32	29 38	27	15	31	29	(	)	%	
0094810	0100000	0107304	0013186	0009832	0006009	0013130	0009873	0006111	0000380	00075	00075	00031	00037	00032	00201	71000025	38	28	15	32	29 38	27	15	31	29	(	)	%	
0094810	0100000	0107304	0013116	0009806	0005998	0013442	0010022	0006157	0000457	00059	00059	00044	00049	00040	00439	71000026	38	28	15	32	29 38	28	15	32	28	(	)	%	
0094810	0100000	0107304	0013127	0009841	0006120	0013251	0009839	0006079	0000433	00084	00084	00037	00044	00038	00185	71000027	38	27	15	31	28 38	28	15	32	28	(	)	%	
0094810	0100000	0107304	0013083	0009744	0005948	0013120	0009837	0006072	0000380	00056	00056	00027	00031	00026	00240	71000028	37	28	15	32	29 38	27	15	31	29	(	)	%	
0094810	0100000	0107304	0013083	0009744	0005948	0012872	0009636	0005990	0000457	00077	00077	00037	00044	00036	00275	71000029	37	28	15	32	29 37	27	15	31	28	(	)	%	
0094810	0100000	0107304	0013320	0009991	0006197	0013074	0009772	0006036	0000426	00040	00040	00039	00043	00034	00448	71000030	38	27	15	31	29 37	27	15	31	28	(	)	%	
0094810	0100000	0107304	0016118	0018738	0029966	0016366	0019023	0030319	0000433	00034	00034	00033	00031	00033	00345	71000031	50	-9	-16	18	240 51	-9	-16	18	240	(	)	%	
0094810	0100000	0107304	0016015	0018644	0029326	0016034	0018693	0029801	0000485	00061	00061	00035	00040	00034	00289	71000032	50	-9	-15	18	239 50	-9	-16	18	239	(	)	%	
0094810	0100000	0107304	0016039	0018660	0029600	0016045	0018713	0029938	0000475	00045	00045	00025	00028	00026	00194	71000033	50	-9	-15	18	239 50	-9	-16	18	239	(	)	%	
0094810	0100000	0107304	0016034	0018693	0029801	0016127	0018728	0029939	0000449	00038	00037	00029	00034	00032	00099	71000034	50	-9	-16	18	239 50	-9	-16	18	240	(	)	%	
0094810	0100000	0107304	0016071	0018672	0029892	0016366	0019023	0030319	0000475	00043	00043	00042	00039	00042	00427	71000035	50	-9	-16	18	240 51	-9	-16	18	240	(	)	%	
0094810	0100000	0107304	0015969	0018675	0029914	0015999	0018640	0030001	0000475	00040	00040	00031	00036	00033	00127	71000036	50	-9	-16	18	239 50	-9	-16	18	240	(	)	%	

application for measurement of display or printer output, no separation

[illegible]

input: w/rqb/cmyk -> (w/rqb/cmyk)

TUB-test chart YE71; Colour differences and formulae
WA T0100 colour difference experiments. all colours of 100

%Xn	Yn	Zn	X0	Y0	Z0	X1	Y1	Z1	DV	dE*ab	dE*76	dE*94	dE*CM	dE*00	dE*85	NR	L*	a*	b*	0	C*0	h0	L*	a*	b*	1	C*1	h1	CODE %
%1000*(CIE XYZ & DV) for all colours (a) of experiment, iimp=100, colour difference pairs of dataset WA_T0100, xchart3=1, xchart4=0 %																													
Minimum, maximum and average colour difference value																													
STRESS constant F and STRESS value S																													
iai+1 = 100, d_CIELABmin = 0.19, d_CIELABmax = 1.36, d_CIELABave = 0.54																													
iai+1 = 100, CIELAB_Fa = 1.23, CIELAB_STRESSa = 33.21																													
iai+1 = 100, d_CIELCHmin = 0.19, d_CIELCHmax = 1.35, d_CIELCHave = 0.54																													
iai+1 = 100, CIELCH_Fa = 1.23, CIELCH_STRESSa = 33.18																													
iai+1 = 100, d_C94LCHmin = 0.15, d_C94LCHmax = 0.73, d_C94LCHave = 0.39																													
iai+1 = 100, C94LCH_Fa = 0.88, C94LCH_STRESSa = 30.94																													
iai+1 = 100, d_CMCLCHmin = 0.21, d_CMCLCHmax = 0.65, d_CMCLCHave = 0.41																													
iai+1 = 100, CMCLCH_Fa = 0.93, CMCLCH_STRESSa = 21.61																													
iai+1 = 100, d_C00LCHmin = 0.22, d_C00LCHmax = 0.52, d_C00LCHave = 0.36																													
iai+1 = 100, C00LCH_Fa = 0.81, C00LCH_STRESSa = 18.32																													
iai+1 = 100, d_C85LCHmin = 0.55, d_C85LCHmax = 5.82, d_C85LCHave = 2.85																													
iai+1 = 100, C85LCH_Fa = 6.4, C85LCH_STRESSa = 45.69																													

TUB registration: 20180501-YE71/YE71L0NA.TXT /.PS
application for measurement of display or printer output, no separation

TUB material: code=rha4ta

CIE LAB data for all colour (a)															pairs of difference										NR										CODE %									
%L*a	a*0	b*0	C*ab0	hab0	L*1	a*1	b*1	C*ab1	hab1	DV	de*ab	de*94	de*CM	de*85	NR	L*a*0	b*0	C*0	h0	L*1 a*1	b*1	C*1	h1	CODE %																				
50.99	0.24	0.93	0.96	75.31	50.95	0.5	1.07	1.19	64.7	0.51	0.3	0.29	0.43	0.4	0.95	71000001	51	0	0	75	51	0	1	64	(																			
50.99	0.24	0.93	0.96	75.31	51.01	-0.03	1.08	1.08	91.9	0.48	0.31	0.31	0.45	0.44	0.9	71000002	51	0	0	75	51	0	1	91	(																			
50.99	0.24	0.93	0.96	75.31	50.67	0.16	0.94	0.95	80.0	0.45	0.33	0.33	0.31	0.34	3.26	71000003	51	0	0	75	51	0	0	80	(																			
51.02	0.15	1.24	1.25	82.9	50.98	0.35	1.03	1.09	70.9	0.44	0.29	0.29	0.42	0.36	1.12	71000004	51	0	1	1	82	51	0	1	70	(																		
51.02	0.15	1.24	1.25	82.9	50.92	0.4	0.88	0.97	65.6	0.52	0.45	0.43	0.63	0.51	1.95	71000005	51	0	1	1	82	51	0	0	65	(																		
50.9	0.99	0.85	1.31	40.68	50.97	0.63	0.83	1.05	52.9	0.52	0.37	0.35	0.51	0.52	1.07	71000006	51	0	0	1	40	51	0	0	52	(																		
50.94	0.0	0.79	0.79	89.29	51.39	0.14	0.83	0.84	80.2	0.55	0.47	0.47	0.46	0.49	4.59	71000007	51	0	0	89	51	0	0	80	(																			
51.69	0.17	0.87	0.89	78.59	51.25	0.18	0.93	0.94	78.8	0.48	0.44	0.44	0.41	0.44	4.45	71000008	52	0	0	78	51	0	0	78	(																			
51.25	0.18	0.93	0.94	78.89	50.87	0.13	0.97	0.98	81.9	0.46	0.37	0.37	0.35	0.38	3.77	71000009	51	0	0	78	51	0	0	81	(																			
50.23	0.1	0.9	0.9	83.3	50.67	0.16	0.94	0.95	80.0	0.48	0.44	0.44	0.41	0.45	4.46	71000010	50	0	0	83	51	0	0	80	(																			
81.5	-0.1	1.89	1.89	93.02	82.06	-0.23	1.84	1.85	97.4	0.44	0.58	0.58	0.45	0.43	4.27	71000011	82	0	1	1	93	82	0	1	97	(																		
81.5	-0.1	1.89	1.89	93.02	80.89	-0.17	1.75	1.76	95.7	0.42	0.63	0.62	0.49	0.45	4.65	71000012	82	0	1	1	93	81	0	1	95	(																		
81.49	0.1	1.34	1.34	85.72	81.4	-0.18	1.53	1.54	96.7	0.44	0.35	0.34	0.47	0.45	1.07	71000013	81	0	1	1	85	81	0	1	96	(																		
81.47	-0.32	1.47	1.5	102.56	81.41	-0.42	1.01	1.09	112.7	0.44	0.47	0.44	0.65	0.46	1.6	71000014	81	0	1	1	102	81	0	1	112	(																		
81.49	-0.19	1.34	1.35	98.24	81.59	-0.15	1.74	1.75	94.9	0.38	0.41	0.39	0.55	0.39	1.53	71000015	81	0	1	1	98	82	0	1	94	(																		
81.49	-0.19	1.34	1.35	98.24	82.18	-0.29	1.33	1.37	102.5	0.49	0.69	0.69	0.52	0.49	5.21	71000016	81	0	1	1	98	82	0	1	102	(																		
80.89	-0.17	1.75	1.76	95.72	81.59	-0.15	1.74	1.75	94.9	0.44	0.7	0.7	0.51	0.48	5.33	71000017	81	0	1	1	95	82	0	1	94	(																		
81.65	-0.26	1.42	1.45	100.56	81.59	-0.15	1.74	1.75	94.9	0.41	0.34	0.32	0.46	0.34	1.14	71000018	82	0	1	1	100	82	0	1	94	(																		
81.65	-0.26	1.42	1.45	100.56	82.18	-0.29	1.33	1.37	102.5	0.42	0.54	0.54	0.41	0.37	4.05	71000019	82	0	1	1	100	82	0	1	102	(																		
80.64	-0.23	1.28	1.3	100.48	81.12	-0.11	1.27	1.28	95.2	0.44	0.49	0.49	0.38	0.37	3.65	71000020	81	0	1	1	100	81	0	1	95	(																		
37.32	27.28	15.27	31.26	29.23	37.28	28.05	15.68	32.14	29.2	0.4	0.87	0.36	0.42	0.36	2.16	71000021	37	27	15	31	29	37	28	15	32	29	(																	
37.44	28.02	16.25	32.39	30.11	37.55	28.26	15.77	32.37	29.1	0.44	0.54	0.37	0.49	0.39	1.96	71000022	37	28	16	32	30	38	28	15	32	29	(																	
37.9	28.27	15.86	32.41	29.3	37.55	28.26	15.77	32.37	29.1	0.4	0.35	0.35	0.37	0.3	3.88	71000023	38	28	15	32	29	38	28	15	32	29	(																	
37.9	28.27	15.86	32.41	29.3	37.78	27.72	15.42	31.72	29.0	0.44	0.71	0.31	0.37	0.31	2.05	71000024	38	28	15	32	29	38	27	15	31	29	(																	
37.55	28.26	15.77	32.37	29.17	37.63	27.57	15.47	31.62	29.2	0.38	0.75	0.31	0.37	0.32	2.01	71000025	38	28	15	32	29	38	27	15	31	29	(																	
37.51	28.0	15.74	32.13	29.33	37.89	28.45	15.74	32.52	28.9	0.45	0.59	0.44	0.49	0.4	4.39	71000026	38	28	15	32	29	38	28	15	32	28	(																	
37.57	27.8	15.33	31.75	28.87	37.57	28.63	15.5	32.56	28.4	0.43	0.84	0.37	0.44	0.38	1.85	71000027	38	27	15	31	28	38	28	15	32	28	(																	
37.39	28.27	15.76	32.37	29.13	37.56	27.79	15.52	31.83	29.1	0.38	0.56	0.27	0.31	0.26	2.4	71000028	37	28	15	32	29	38	27	15	31	28	(																	
37.84	27.9	15.48	31.91	29.02	37.44	27.73	15.24	31.64	28.7	0.45	0.77	0.37	0.44	0.36	2.75	71000029	37	28	15	32	29	37	27	15	31	28	(																	
50.39	-9.12	-16.27	18.66	240.71	50.72	-9.15	-16.21	18.61	240.5	0.43	0.34	0.33	0.31	0.33	3.45	71000031	50	-9	-16	18	240	51	-9	-16	18	240	(																	
50.27	-9.24	-15.53	18.07	239.24	50.33	-9.38	-16.12	18.65	239.8	0.48	0.61	0.35	0.4	0.34	2.89	71000032	50	-9	-15	18	239	50	-9	-16	18	239	(																	
50.29	-9.18	-15.9	18.36	239.98	50.36	-9.42	-16.28	18.81	239.9	0.47	0.45	0.25	0.28	0.26	1.94	71000033	50	-9	-15	18	239	50	-9	-16	18	239	(																	
50.33	-9.38	-16.12	18.65	239.81	50.37	-9.02	-16.25	18.59	240.9	0.44	0.38	0.29	0.34	0.32	0.99	71000034	50	-9	-16	18	239	50	-9	-16	18	240	(																	
50.31	-9.06	-16.3	18.65	240.93	50.72	-9.15	-16.21	18.61	240.5	0.47	0.43	0.42	0.39	0.42	4.27	71000035	50	-9	-16	18	240	51	-9	-16	18	240	(																	
50.31	-9.66	-16.32	18.97	239.38	50.27	-9.31	-16.52	18.97	240.5	0.47	0.4	0.31	0.36	0.33	1.27	71000036	50	-9	-16	18	239	50	-9	-16	18	240	(																	
50.31	-9.66	-16.32	18.97	239.38	50.38	-9.29	-16.5	18.93	240.6	0.47	0.41	0.32	0.37	0.35	1.25	71000037	50	-9	-16	18	239	50	-9	-16	18	240	(																	
50.34	-9.53	-16.92	19.42	240.6	50.38	-9.29	-16.5	18.93	240.6	0.41	0.48	0.26	0.3	0.27	2.2	71000038	50	-9	-16	18	240	50	-9	-16	18	240	(																	
50.77	-9.53	-16.74	19.26	240.33	50.72	-9.15	-16.21	18.61	240.5	0.45	0.65	0.35	0.4	0.38	2.65	71000039	51	-9	-16	19	240	51	-9	-16	18	240	(																	
49.48	-9.12	-16.24	18.63	240.66	49.88	-9.22	-16.26	18.69	240.4	0.45	0.41	0.4	0.37	0.4	4.09	71000040	49	-9	-16	18	240	50	-9	-16	18	240	(																	
30.1	2.49	-17.54	17.71	278.1	30.01	2.47	-17.95	18.12	277.8	0.4	0.42	0.25	0.29	0.27	2.68	71000041	30	2	-17	17	278	30	2	-17	18	277	(																	
30.2	2.59	-17.89	18.07	278.25	29.91	2.51	-17.95	18.12	277.9	0.41	0.3	0.29	0.37	0.24	3.43	71000042	30	2	-17	17	278	30	2	-17	18	277	(																	
30.19	2.27	-17.64	17.79	277.33	30.26	2.4	-18.2	18.36	277.5	0.43	0.57	0.32	0.37	0.31	3.05	71000043	30	2	-17	17	277	30	2	-18	18	277	(																	
30.23	2.58	-17.91	18.09	278.22	29.91	2.51	-17.95	18.12	277.9	0.38	0.32	0.31	0.39	0.26	3.71	71000044	30	2	-17	18	278	30	2	-17	18	277	(																	
30.31	2.12	-17.81	17.94	276.8	30.26	2.35	-17.74	17.89	277.5	0.43	0.24	0.19	0.27	0.28	0.87	71000045	30	2	-17	17	276	30	2	-17	17	277	(																	
30.26	2.35	-17.74	17.89	277.56	30.36	2.																																						

see similar files: <http://farbe.li.tu-berlin.de/YE71/YE71.HTM>
technical information: <http://farbe.li.tu-berlin.de/> or <http://130.149.60.45/~farbmetrik/>

TUB-test chart YE71: Colour differences and formulae
WA_T0100 colour difference experiments, all colours of 100
input: w/rgb/cmyk -> (w/rgb/cmyk)

TUB registration: 20180501-YE71/YE71L0NA.TXT /.PS
application for measurement of display or printer output, no separation

TUB material: code=rha4ta

%*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*85	NR	L*0 a*0	b*0	C*0	h0	L*1 a*1	b*1	C*1	h1	CODE %
TUB test chart YE71: Colour differences and formulae																								
WA_T0100 colour difference experiments, all colours of 100																								
input: w/rgb/cmyk -> (w/rgb/cmyk)																								
see similar files: http://farbe.li.tu-berlin.de/YE71/YE71.HTM																								
technical information: http://farbe.li.tu-berlin.de/ or http://130.149.60.45/~farbmetrik/																								

CODE %	h1	C*1	b*1	a*1	L*1	hab0	C*ab0	b*0	a*0	%L*	%
CIELAB data for all colour (a) of experiment, iimp=100, colour difference pairs of dataset WA_T0100, xchart3=1, xchart4=0 %											
Minimum, maximum and average colour difference value											
STRESS constant F and STRESS value S											
iai+1 = 100, d_CIELABmina = 0.19, d_CIELABmaxa = 1.36, d_CIELABavea = 0.54											
iai+1 = 100, CIELAB_Fa = 1.23, CIELAB_STRESSa = 33.21											
iai+1 = 100, d_CIELCHmina = 0.19, d_CIELCHmaxa = 1.35, d_CIELCHavea = 0.54											
iai+1 = 100, CIELCHFa = 1.23, CIELCHSTRESSa = 33.18											
iai+1 = 100, d_C94LCHmina = 0.15, d_C94LCHmaxa = 0.73, d_C94LCHavea = 0.39											
iai+1 = 100, C94LCHFa = 0.88, C94LCHSTRESSa = 30.94											
iai+1 = 100, d_CMCLCHmina = 0.21, d_CMCLCHmaxa = 0.65, d_CMCLCHavea = 0.41											
iai+1 = 100, CMCLCHFa = 0.93, CMCLCHSTRESSa = 21.61											
iai+1 = 100, d_C00LCHmina = 0.22, d_C00LCHmaxa = 0.52, d_C00LCHavea = 0.36											
iai+1 = 100, C00LCHFa = 0.81, C00LCHSTRESSa = 18.32											
iai+1 = 100, d_C85LCHmina = 0.55, d_C85LCHmaxa = 5.82, d_C85LCHavea = 2.85											
iai+1 = 100, C85LCHFa = 6.4, C85LCHSTRESSa = 45.69											