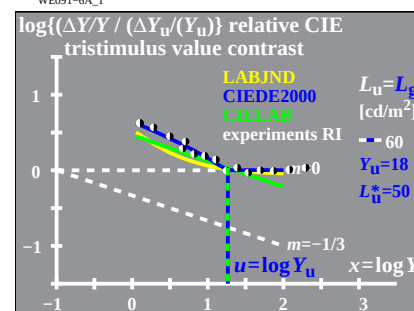
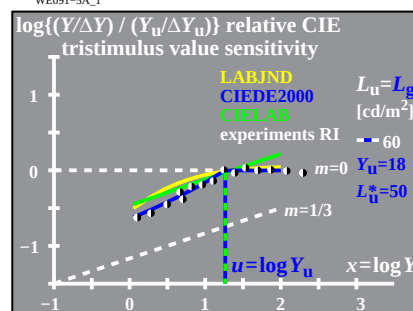
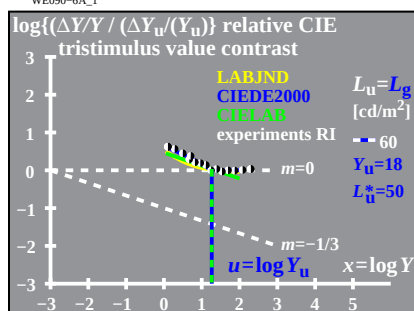
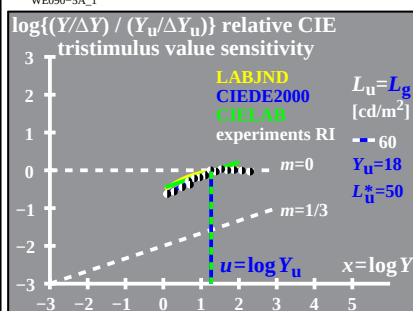
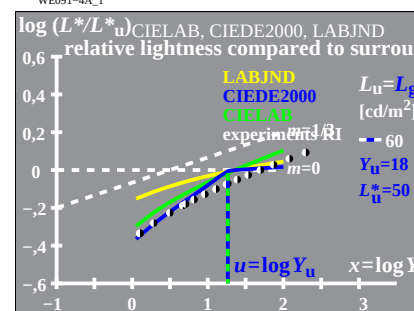
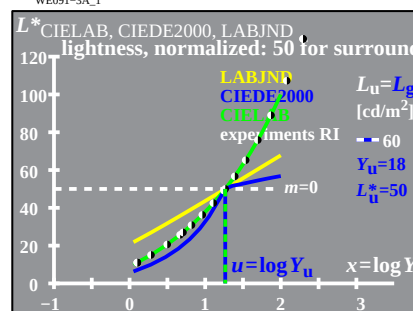
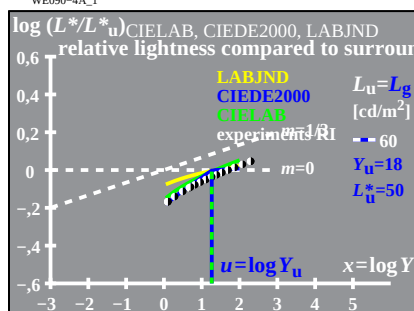
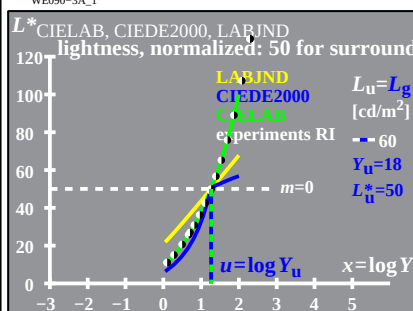
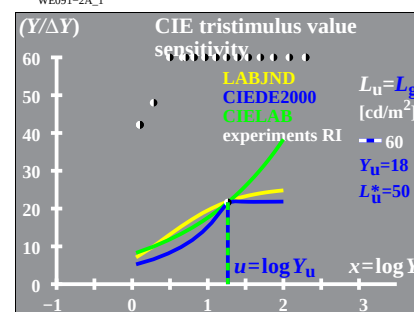
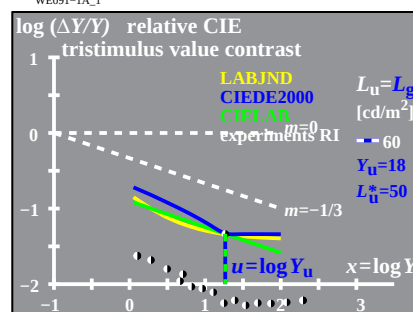
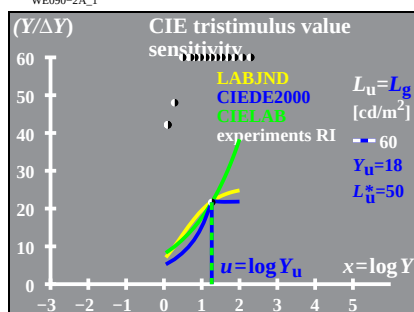
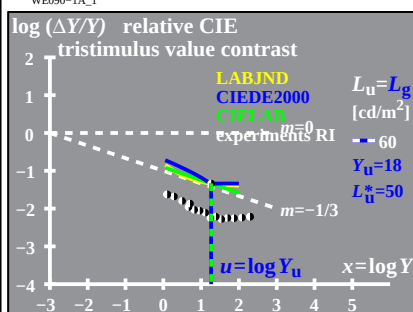
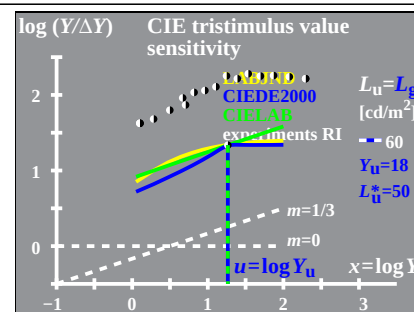
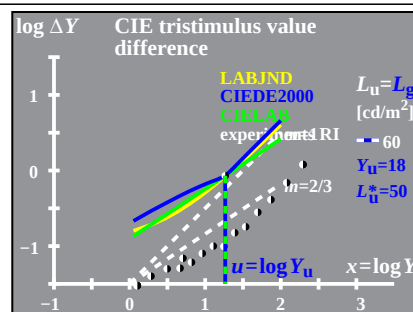
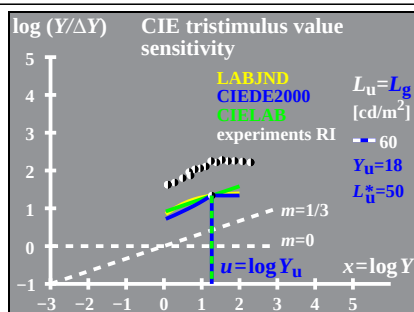
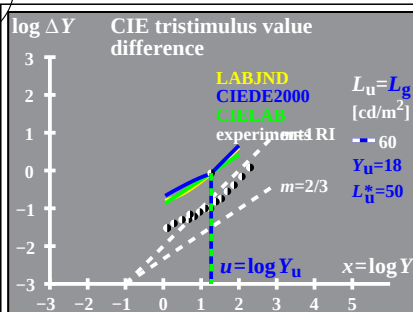


see similar files: <http://130.149.60.45/~farbmetrik/WE09/WE09L0NA.TXT> / .PS; start output
technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

TUB registration: 20130201-WE09/WE09L0NA.TXT /.PS
application for measurement of display output

TUB material: code=rha4ta



http://130.149.60.45/~farbmetrik/WE09/WE09L0NA.TXT /.PS; start output
N: no 3D-linearization (OL) in file (F) or PS-startup (S), page 1/1

see similar files: <http://130.149.60.45/~farbmetrik/WE09/WE09L0NA.TXT> /PS
technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

%XS	YS	ZS	X0	Y0	Z0	X1	Y1	Z1	DV	dE*ab	dE*CH	dE*94	dE*CM	dE*00	dE*85	no.	Code	L*	a*	b*	%
%CIEXYZ*1000 data for iim=310 colours, CIE data XYZ0 and XYZ1 for delta_E*ab=delta_E*CIELAB=CIELCH=1, and visual DV=1 expected for this formula %																					
YS00	Y000	Y100	YD00	L000	L100	LD00	A000	A100	AD00	B000	B100	BD00	A00M	A10M	AD0M	B00M	B10M	BD0M			
0095040	0100000	0108880	0001070	0001126	0001226	0001221	0001285	0001399	0001000	01167	01167	01167	02284	00735	00997	18110000	(10009_WN)	10	0	0	%
1000000	1126	1285	159	21835	22849	1014	950	950	0	-435	-435	0	1070	1221	151	-490	-559	69			
0095040	0100000	0108880	0001813	0001908	0002078	0001995	0002099	0002285	0001000	00997	00997	00997	01951	00659	01000	18110001	(15009_WN)	15	0	0	%
1000000	1908	2099	191	26840	27514	673	950	950	0	-435	-435	0	1813	1995	182	-831	-914	82			
0095040	0100000	0108880	0002840	0002989	0003254	0003063	0003222	0003509	0001000	00913	00913	00913	01374	00635	01001	18110002	(20009_WN)	20	0	0	%
1000000	2989	3222	233	31274	31730	455	950	950	0	-435	-435	0	2840	3063	223	-1301	-1403	102			
0095040	0100000	0108880	0004196	0004415	0004807	0004472	0004705	0005123	0001000	00878	00878	00878	01109	00645	01002	18110003	(25002_WN)	25	0	0	%
1000000	4415	4705	289	35213	35529	315	950	950	0	-435	-435	0	4196	4472	276	-1922	-2049	126			
0095040	0100000	0108880	0005926	0006235	0006789	0006271	0006598	0007184	0001000	00873	00873	00873	00961	00679	01002	18110004	(30002_WN)	30	0	0	%
1000000	6235	6598	363	38746	38964	217	950	950	0	-435	-435	0	5926	6271	345	-2715	-2873	157			
0095040	0100000	0108880	0008076	0008498	0009253	0008506	0008950	0009744	0001000	00887	00887	00887	00873	00734	01002	18110005	(35002_WN)	35	0	0	%
1000000	8498	8950	452	41943	42086	143	950	950	0	-435	-435	0	8076	8506	430	-3701	-3897	196			
0095040	0100000	0108880	0010692	0011250	0012250	0011225	0011811	0012859	0001000	00913	00913	00913	00819	00809	01001	18110006	(40002_WN)	40	0	0	%
1000000	11250	11811	560	44855	44941	86	950	950	0	-435	-435	0	10692	11225	533	-4900	-5143	243			
0095040	0100000	0108880	0013820	0014541	0015833	0014475	0015231	0016583	0001000	00949	00949	00949	00787	00905	01001	18110007	(45002_WN)	45	0	0	%
1000000	14541	15231	690	47529	47568	39	950	950	0	-435	-435	0	13820	14475	654	-6333	-6633	300			
0095040	0100000	0108880	0017505	0018418	0020054	0018305	0019260	0020970	0001000	00990	00990	00990	00767	00989	01000	18110008	(50002_WN)	50	0	0	%
1000000	18418	19260	841	50000	50000	0	950	950	0	-435	-435	0	17505	18305	799	-8021	-8388	366			
0095040	0100000	0108880	0021792	0022929	0024966	0022761	0023948	0026075	0001000	01036	01036	01036	00757	00973	00999	18110009	(55002_WN)	55	0	0	%
1000000	22929	23948	1019	52294	52260	33	950	950	0	-435	-435	0	21792	22761	968	-9986	-10430	443			
0095040	0100000	0108880	0026728	0028123	0030620	0027890	0029345	0031951	0001000	01085	01085	01085	00753	00947	00998	18110010	(60002_WN)	60	0	0	%
1000000	28123	29345	1222	54435	54373	62	950	950	0	-435	-435	0	26728	27890	1162	-12248	-12780	532			
0095040	0100000	0108880	0032358	0034047	0037070	0033740	0035501	0038654	0001000	01137	01137	01137	00753	00928	00997	18110011	(65002_WN)	65	0	0	%
1000000	34047	35501	1454	56442	56354	87	950	950	0	-435	-435	0	32358	33740	1382	-14828	-15461	633			
0095040	0100000	0108880	0038728	0040749	0044367	0040359	0042466	0046237	0001000	01190	01190	01190	00757	00914	00996	18110012	(70002_WN)	70	0	0	%
1000000	40749	42466	1717	58330	58220	110	950	950	0	-435	-435	0	38728	40359	1631	-17746	-18494	747			
0095040	0100000	0108880	0045883	0048278	0052565	0047795	0050289	0054754	0001000	01246	01246	01246	00763	00903	00996	18110013	(75002_WN)	75	0	0	%
1000000	48278	50289	2010	60113	59981	131	950	950	0	-435	-435	0	45883	47795	1911	-21026	-21901	875			
0095040	0100000	0108880	0053869	0056681	0061714	0056093	0059020	0064261	0001000	01302	01302	01302	00771	00895	00995	18110014	(80002_WN)	80	0	0	%
1000000	56681	59020	2339	61802	61651	151	950	950	0	-435	-435	0	53869	56093	2223	-24685	-25704	1018			
0095040	0100000	0108880	0062733	0066007	0071868	0065302	0068710	0074812	0001000	01360	01360	01360	00781	00888	00994	18110015	(85002_WN)	85	0	0	%
1000000	66007	68710	2703	63405	63236	169	950	950	0	-435	-435	0	62733	65302	2569	-28747	-29924	1177			
0095040	0100000	0108880	0072518	0076303	0083079	0075470	0079409	0086460	0001000	01419	01419	01419	00792	00882	00994	18110016	(90002_WN)	90	0	0	%
1000000	76303	79409	3106	64932	64746	185	950	950	0	-435	-435	0	72518	75470	2951	-33231	-34584	1352			
0095040	0100000	0108880	0083272	0087618	0095398	0086644	0091165	0099261	0001000	01478	01478	01478	00804	00878	00993	18110103	(95002_WN)	95	0	0	%
1000000	87618	91165	3546	66388	66187	201	950	950	0	-435	-435	0	83272	86644	3372	-38159	-39704	1545			
0095040	0100000	0108880	0095040	0100000	0108880	0098870	0104030	0113268	0001000	01537	01537	01537	00816	00874	00993	18110104	(99002_WN)	100	0	0	%
1000000	100000	104030	4029	67781	67565	215	950	950	0	-435	-435	0	95040	98870	3830	-43552	-45307	1755			

pchartl=1

WE090-7N

TUB-test chart WE09; Colour difference formulae
CIELAB, CIEDE2000, LABJND formulae, properties in WN-direction, experiments RI

input: w/rgb/cmyk -> w/rgb/cmyk-

TUB registration: 20130201-WE09/WE09L0NA.TXT /.PS
application for measurement of display output

TUB material: code=rha4ta

http://130.149.60.45/~farbmetrik/WE09/WE09L0NA.TXT /.PS; start output
N: no 3D-linearization (OL) in file (F) or PS-startup (S), page 1/1

see similar files: <http://130.149.60.45/~farbmetrik/WE09/WE09L0NA.TXT>
technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

%XS	YS	ZS	X0	Y0	Z0	X1	Y1	Z1	DV	dE*ab	dE*CH	dE*94	dE*CM	dE*00	dE*85	no.	Code	L*	a*	b*	%
%CIEXYZ*1000 data for iim=310 colours, CIE data XYZ0 and XYZ1 for delta_E*ab=delta_E*CIELAB=CIELCH=1, and visual DV=1 expected for this formula %																					
YS00	Y000	Y100	YD00	L000	L100	LD00	A000	A100	AD00	B000	B100	BD00	A00M	A10M	AD0M	B00M	B10M	BD0M			
0095040	0100000	0108880	0001070	0001126	0001226	0001199	0001262	0001373	0001000	01001	01001	01001	01959	00630	00852	18110000	(10009_WN)	10	0	0	%
1000000	1126	1262	136	9999	11007	1007	950	950	0	-435	-435	0	1070	1199	128	-490	-549	58			
0095040	0100000	0108880	0001813	0001908	0002078	0001996	0002100	0002286	0001000	01001	01001	01001	01960	00662	01004	18110001	(15009_WN)	15	0	0	%
1000000	1908	2100	192	14996	16003	1006	950	950	0	-435	-435	0	1813	1996	182	-831	-914	83			
0095040	0100000	0108880	0002840	0002989	0003254	0003085	0003246	0003534	0001000	01001	01001	01001	01507	00697	01099	18110002	(20009_WN)	20	0	0	%
1000000	2989	3246	256	19999	21003	1003	950	950	0	-435	-435	0	2840	3085	244	-1301	-1413	111			
0095040	0100000	0108880	0004196	0004415	0004807	0004512	0004747	0005168	0001000	01001	01001	01001	01264	00735	01143	18110003	(25002_WN)	25	0	0	%
1000000	4415	4747	331	24998	26001	1002	950	950	0	-435	-435	0	4196	4512	316	-1922	-2067	144			
0095040	0100000	0108880	0005926	0006235	0006789	0006322	0006652	0007243	0001000	01001	01001	01001	01101	00779	01149	18110004	(30002_WN)	30	0	0	%
1000000	6235	6652	417	29997	31001	1003	950	950	0	-435	-435	0	5926	6322	396	-2715	-2897	181			
0095040	0100000	0108880	0008076	0008498	0009253	0008562	0009009	0009809	0001000	01001	01001	01001	00985	00829	01130	18110005	(35002_WN)	35	0	0	%
1000000	8498	9009	511	34999	36001	1002	950	950	0	-435	-435	0	8076	8562	486	-3701	-3923	222			
0095040	0100000	0108880	0010692	0011250	0012250	0011277	0011865	0012919	0001000	01001	01001	01001	00897	00886	01096	18110006	(40002_WN)	40	0	0	%
1000000	11250	11865	614	39998	41000	1002	950	950	0	-435	-435	0	10692	11277	585	-4900	-5167	267			
0095040	0100000	0108880	0013820	0014541	0015833	0014512	0015269	0016625	0001000	01000	01000	01000	00830	00955	01055	18110007	(45002_WN)	45	0	0	%
1000000	14541	15269	728	44999	46000	1001	950	950	0	-435	-435	0	13820	14512	692	-6333	-6650	316			
0095040	0100000	0108880	0017505	0018418	0020054	0018313	0019269	0020980	0001000	01000	01000	01000	00775	00999	01010	18110008	(50002_WN)	50	0	0	%
1000000	18418	19269	850	49999	51000	1001	950	950	0	-435	-435	0	17505	18313	808	-8021	-8392	370			
0095040	0100000	0108880	0021792	0022929	0024966	0022727	0023913	0026036	0001000	01000	01000	01000	00731	00940	00965	18110009	(55002_WN)	55	0	0	%
1000000	22929	23913	984	54999	56000	1001	950	950	0	-435	-435	0	21792	22727	934	-9986	-10414	427			
0095040	0100000	0108880	0026728	0028123	0030620	0027798	0029249	0031846	0001000	01000	01000	01000	00694	00873	00920	18110010	(60002_WN)	60	0	0	%
1000000	28123	29249	1125	59999	61000	1001	950	950	0	-435	-435	0	26728	27798	1070	-12248	-12738	490			
0095040	0100000	0108880	0032358	0034047	0037070	0033572	0035324	0038461	0001000	01000	01000	01000	00662	00817	00878	18110011	(65002_WN)	65	0	0	%
1000000	34047	35324	1277	64999	66000	1000	950	950	0	-435	-435	0	32358	33572	1214	-14828	-15384	556			
0095040	0100000	0108880	0038728	0040749	0044367	0040096	0042188	0045934	0001000	01000	01000	01000	00636	00769	00838	18110012	(70002_WN)	70	0	0	%
1000000	40749	42188	1439	69999	71000	1000	950	950	0	-435	-435	0	38728	40096	1368	-17746	-18373	626			
0095040	0100000	0108880	0045883	0048278	0052565	0047413	0049888	0054318	0001000	01000	01000	01000	00612	00726	00800	18110013	(75002_WN)	75	0	0	%
1000000	48278	49888	1609	74999	76000	1000	950	950	0	-435	-435	0	45883	47413	1529	-21026	-21727	701			
0095040	0100000	0108880	0053869	0056681	0061714	0055571	0058472	0063664	0001000	01000	01000	01000	00592	00688	00765	18110014	(80002_WN)	80	0	0	%
1000000	56681	58472	1791	79999	81000	1000	950	950	0	-435	-435	0	53869	55571	1701	-24685	-25465	779			
0095040	0100000	0108880	0062733	0066007	0071868	0064615	0067988	0074025	0001000	01000	01000	01000	00574	00654	00732	18110015	(85002_WN)	85	0	0	%
1000000	66007	67988	1981	84999	86000	1000	950	950	0	-435	-435	0	62733	64615	1882	-28747	-29610	862			
0095040	0100000	0108880	0072518	0076303	0083079	0074591	0078484	0085453	0001000	01000	01000	01000	00558	00623	00702	18110016	(90002_WN)	90	0	0	%
1000000	76303	78484	2180	89999	91000	1000	950	950	0	-435	-435	0	72518	74591	2072	-33231	-34181	949			
0095040	0100000	0108880	0083272	0087618	0095398	0085544	0090008	0098001	0001000	01000	01000	01000	00544	00595	00673	18110103	(95002_WN)	95	0	0	%
1000000	87618	90008	2389	94999	96000	1000	950	950	0	-435	-435	0	83272	85544	2272	-38159	-39200	1041			
0095040	0100000	0108880	0095040	0100000	0108880	0097520	0102609	0111721	0001000	01000	01000	01000	00531	00570	00647	18110104	(99002_WN)	100	0	0	%
1000000	1000000	102609	2608	1000000	1010000	1000	950	950	0	-435	-435	0	95040	97520	2480	-43552	-44688	1136			

pchartl=2

WE090-7N

TUB-test chart WE09; Colour difference formulae
CIELAB, CIEDE2000, LABJND formulae, properties in WN-direction, experiments RI

input: w/rgb/cmyk -> w/rgb/cmyk-

TUB registration: 20130201-WE09/WE09L0NA.TXT /.PS
application for measurement of display output
TUB material: code=rha4ta

http://130.149.60.45/~farbmetrik/WE09/WE09L0NA.TXT /.PS; start output
N: no 3D-linearization (OL) in file (F) or PS-startup (S), page 1/1

see similar files: <http://130.149.60.45/~farbmetrik/WE09/WE09L0NA.TXT>
technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

%XS	YS	ZS	X0	Y0	Z0	X1	Y1	Z1	DV	dE*ab	dE*CH	dE*94	dE*CM	dE*00	dE*85	no.	Code	L*	a*	b*	%
%CIEXYZ*1000 data for iim=310 colours, CIE data XYZ0 and XYZ1 for delta_E*ab=delta_E*CIELAB=CIELCH=1, and visual DV=1 expected for this formula %																					
YS00	Y000	Y100	YD00	L000	L100	LD00	A000	A100	AD00	B000	B100	BD00	A00M	A10M	AD0M	B00M	B10M	BD0M			
0095040	0100000	0108880	0001070	0001126	0001226	0001275	0001341	0001460	0001000	01554	01554	01554	03042	00981	01338	18110000	(10009_WN)	10	0	0	%
100000	1126	1341	215	6310	7295	984	950	950	0	-435	-435	0	1070	1275	205	-490	-584	93			
0095040	0100000	0108880	0001813	0001908	0002078	0002089	0002198	0002393	0001000	01489	01489	01489	02914	00987	01501	18110001	(15009_WN)	15	0	0	%
100000	1908	2198	290	9934	10926	991	950	950	0	-435	-435	0	1813	2089	275	-831	-957	126			
0095040	0100000	0108880	0002840	0002989	0003254	0003191	0003357	0003655	0001000	01420	01420	01420	02137	00990	01562	18110002	(20009_WN)	20	0	0	%
100000	2989	3357	368	13943	14934	990	950	950	0	-435	-435	0	2840	3191	351	-1301	-1462	160			
0095040	0100000	0108880	0004196	0004415	0004807	0004625	0004866	0005298	0001000	01349	01349	01349	01703	00993	01541	18110003	(25002_WN)	25	0	0	%
100000	4415	4866	450	18396	19390	994	950	950	0	-435	-435	0	4196	4625	428	-1922	-2119	196			
0095040	0100000	0108880	0005926	0006235	0006789	0006434	0006770	0007371	0001000	01277	01277	01277	01404	00995	01465	18110004	(30002_WN)	30	0	0	%
100000	6235	6770	535	23381	24378	997	950	950	0	-435	-435	0	5926	6434	508	-2715	-2948	232			
0095040	0100000	0108880	0008076	0008498	0009253	0008662	0009114	0009923	0001000	01202	01202	01202	01183	00997	01357	18110005	(35002_WN)	35	0	0	%
100000	8498	9114	616	29014	30012	997	950	950	0	-435	-435	0	8076	8662	586	-3701	-3969	268			
0095040	0100000	0108880	0010692	0011250	0012250	0011351	0011943	0013004	0001000	01126	01126	01126	01010	00998	01233	18110006	(40002_WN)	40	0	0	%
100000	11250	11943	692	35461	36460	999	950	950	0	-435	-435	0	10692	11351	659	-4900	-5201	301			
0095040	0100000	0108880	0013820	0014541	0015833	0014544	0015303	0016662	0001000	01046	01046	01046	00868	00999	01103	18110007	(45002_WN)	45	0	0	%
100000	14541	15303	762	42957	43957	999	950	950	0	-435	-435	0	13820	14544	724	-6333	-6664	331			
0095040	0100000	0108880	0017505	0018418	0020054	0018313	0019269	0020980	0001000	01000	01000	01000	00775	00999	01010	18110008	(50002_WN)	50	0	0	%
100000	18418	19269	850	49957	50958	1000	950	950	0	-435	-435	0	17505	18313	808	-8021	-8392	370			
0095040	0100000	0108880	0021792	0022929	0024966	0022786	0023975	0026104	0001000	01063	01063	01063	00777	00998	01025	18110009	(55002_WN)	55	0	0	%
100000	22929	23975	1045	51665	52665	999	950	950	0	-435	-435	0	21792	22786	993	-9986	-10441	455			
0095040	0100000	0108880	0026728	0028123	0030620	0027952	0029411	0032023	0001000	01142	01142	01142	00793	00997	01051	18110010	(60002_WN)	60	0	0	%
100000	28123	29411	1288	52354	53351	997	950	950	0	-435	-435	0	26728	27952	1224	-12248	-12809	561			
0095040	0100000	0108880	0032358	0034047	0037070	0033843	0035609	0038771	0001000	01220	01220	01220	00808	00995	01070	18110011	(65002_WN)	65	0	0	%
100000	34047	35609	1562	53057	54053	996	950	950	0	-435	-435	0	32358	33843	1485	-14828	-15508	680			
0095040	0100000	0108880	0038728	0040749	0044367	0040506	0042620	0046404	0001000	01296	01296	01296	00824	00994	01084	18110012	(70002_WN)	70	0	0	%
100000	40749	42620	1871	53734	54729	995	950	950	0	-435	-435	0	38728	40506	1777	-17746	-18561	814			
0095040	0100000	0108880	0045883	0048278	0052565	0047989	0050493	0054977	0001000	01371	01371	01371	00839	00993	01095	18110013	(75002_WN)	75	0	0	%
100000	48278	50493	2215	54364	55358	993	950	950	0	-435	-435	0	45883	47989	2105	-21026	-21990	964			
0095040	0100000	0108880	0053869	0056681	0061714	0056341	0059281	0064545	0001000	01446	01446	01446	00856	00993	01104	18110014	(80002_WN)	80	0	0	%
100000	56681	59281	2599	54943	55936	993	950	950	0	-435	-435	0	53869	56341	2472	-24685	-25818	1132			
0095040	0100000	0108880	0062733	0066007	0071868	0065609	0069033	0075163	0001000	01520	01520	01520	00873	00992	01111	18110015	(85002_WN)	85	0	0	%
100000	66007	69033	3026	55473	56465	992	950	950	0	-435	-435	0	62733	65609	2875	-28747	-30065	1317			
0095040	0100000	0108880	0072518	0076303	0083079	0075842	0079800	0086886	0001000	01594	01594	01594	00890	00991	01116	18110016	(90002_WN)	90	0	0	%
100000	76303	79800	3497	55958	56950	991	950	950	0	-435	-435	0	72518	75842	3323	-33231	-34754	1522			
0095040	0100000	0108880	0083272	0087618	0095398	0087086	0091631	0099767	0001000	01669	01669	01669	00908	00991	01121	18110103	(95002_WN)	95	0	0	%
100000	87618	91631	4013	56404	57395	991	950	950	0	-435	-435	0	83272	87086	3814	-38159	-39906	1747			
0095040	0100000	0108880	0095040	0100000	0108880	0099390	0104577	0113863	0001000	01743	01743	01743	00926	00990	01125	18110104	(99002_WN)	100	0	0	%
100000	100000	104577	4576	56813	57804	990	950	950	0	-435	-435	0	95040	99390	4350	-43552	-45545	1993			

pchartl=3

WE090-7N

TUB-test chart WE09; Colour difference formulae
CIELAB, CIEDE2000, LABJND formulae, properties in WN-direction, experiments RI

input: w/rgb/cmyk -> w/rgb/cmyk-

see similar files: <http://130.149.60.45/~farbmetrik/WE09/WE09L0NA.TXT> /
technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

%XS	YS	ZS	X0	Y0	Z0	X1	Y1	Z1	DV	dE*ab	dE*CH	dE*94	dE*CM	dE*00	dE*85	no.	Code	L*	a*	b*	%
%CIEXYZ*1000 data for iim=310 colours, CIE data XYZ0 and XYZ1 for delta_E*ab=delta_E*CIELAB=CIELCH=1, and visual DV=1 expected for this formula %																					
YS00	Y000	Y100	YD00	L000	L100	LD00	A000	A100	AD00	B000	B100	BD00	A00M	A10M	AD0M	B00M	B10M	BD0M			
0095189	0100000	0044159	0188033	0196900	0086683	0189179	0198100	0087211	0001000	00294	00294	00294	00140	00134	01548	21000308	(QPN_QN60)	129	0	0	%
100000	196900	198100	1199	129391	129686	294	954	954	0	-176	-176	0	188033	189179	1146	-34673	-34884	211			
0095189	0100000	0044159	0188033	0196900	0086683	0189179	0198100	0087211	0001000	00294	00294	00294	00140	00134	01548	21000308	(QPN_QN60)	129	0	0	%
100000	196900	198100	1199	129391	129686	294	954	954	0	-176	-176	0	188033	189179	1146	-34673	-34884	211			
0095189	0100000	0044159	0113834	0119955	0054910	0114489	0120645	0055226	0001000	00235	00235	00235	00121	00127	01448	21000309	(QPN_QN60)	107	0	-2	%
100000	119955	120645	689	107252	107488	235	948	948	0	-183	-183	0	113834	114489	654	-21964	-22090	126			
0095189	0100000	0044159	0070177	0074134	0034757	0070565	0074545	0034949	0001000	00193	00193	00193	00108	00122	01372	21000310	(QPN_QN60)	89	0	-3	%
100000	74134	74545	411	88985	89179	193	946	946	0	-187	-187	0	70177	70565	388	-13902	-13979	76			
0095189	0100000	0044159	0047003	0049670	0023417	0047268	0049950	0023549	0001000	00172	00172	00172	00105	00124	01373	21000311	(QPN_QN60)	75	0	-3	%
100000	49670	49950	279	75866	76038	172	946	946	0	-188	-188	0	47003	47268	264	-9366	-9419	52			
0095189	0100000	0044159	0032536	0034310	0016027	0032707	0034490	0016111	0001000	00141	00141	00141	00093	00116	01247	21000312	(QPN_QN60)	65	0	-2	%
100000	34310	34490	180	65207	65349	141	948	948	0	-186	-186	0	32536	32707	170	-6410	-6444	33			
0095189	0100000	0044159	0023436	0024595	0011376	0023579	0024745	0011446	0001000	00147	00147	00147	00105	00135	01405	21000313	(QPN_QN60)	56	0	-1	%
100000	24595	24745	149	56678	56826	147	952	952	0	-185	-185	0	23436	23579	142	-4550	-4578	27			
0095189	0100000	0044159	0016923	0017690	0007982	0017018	0017789	0008027	0001000	00122	00122	00122	00095	00122	01251	21000314	(QPN_QN60)	49	0	0	%
100000	17690	17789	99	49117	49239	121	956	956	0	-180	-180	0	16923	17018	95	-3192	-3210	17			
0095189	0100000	0044159	0012333	0012820	0005619	0012429	0012920	0005662	0001000	00151	00151	00151	00130	00138	01636	21000315	(QPN_QN60)	42	0	0	%
100000	12820	12920	100	42490	42642	151	962	961	0	-175	-175	0	12333	12429	96	-2247	-2264	17			
0095189	0100000	0044159	0008860	0009150	0003853	0008935	0009230	0003889	0001000	00153	00153	00152	00147	00129	01708	21000316	(QPN_QN60)	36	1	1	%
100000	9150	9230	79	36271	36423	151	968	968	0	-168	-168	0	8860	8935	74	-1541	-1555	14			
0095189	0100000	0044159	0006430	0006589	0002654	0006487	0006650	0002680	0001000	00142	00142	00142	00153	00112	01625	21000317	(QPN_QN60)	30	1	2	%
100000	6589	6650	60	30852	30996	144	975	975	0	-161	-161	0	6430	6487	57	-1061	-1072	10			
0095189	0100000	0044159	0004580	0004654	0001778	0004628	0004705	0001801	0001000	00153	00153	00151	00188	00114	01702	21000318	(QPN_QN60)	25	1	3	%
100000	4654	4705	51	25725	25877	151	984	983	0	-152	-153	0	4580	4628	47	-711	-720	9			
0095189	0100000	0044159	0004799	0005085	0002408	0004865	0005154	0002438	0001000	00197	00197	00197	00235	00148	02249	21000319	(OPN_ON60)	27	0	-1	%
100000	5085	5154	69	26975	27169	193	943	943	0	-189	-189	0	4799	4865	65	-963	-975	11			
0095189	0100000	0044159	0002951	0003145	0001549	0002998	0003195	0001571	0001000	00194	00194	00194	00285	00136	02121	21000320	(OPN_ON60)	20	0	-2	%
100000	3145	3195	49	20615	20808	193	938	938	0	-197	-196	0	2951	2998	46	-619	-628	8			
0095189	0100000	0044159	0001798	0001920	0000972	0001836	0001960	0000990	0001000	00215	00215	00215	00419	00144	02126	21000321	(OPN_ON60)	15	0	-2	%
100000	1920	1960	39	15061	15275	214	936	936	0	-202	-202	0	1798	1836	37	-388	-396	7			
0095189	0100000	0044159	0001184	0001265	0000643	0001213	0001295	0000657	0001000	00213	00213	00212	00414	00136	01845	21000322	(OPN_ON60)	11	0	-2	%
100000	1265	1295	29	11028	11240	211	935	936	0	-203	-202	0	1184	1213	29	-257	-262	5			
0095189	0100000	0044159	0001184	0001265	0000643	0001213	0001295	0000657	0001000	00213	00213	00212	00414	00136	01845	21000322	(OPN_ON60)	11	0	-2	%
100000	1265	1295	29	11028	11240	211	935	936	0	-203	-202	0	1184	1213	29	-257	-262	5			
0095040	0100000	0108880	0017505	0018418	0020054	0018313	0019269	0020980	0001000	01000	01000	01000	00775	00999	01010	18110008	(50002_WN)	50	0	0	%
100000	18418	19269	850	49999	51000	1001	950	950	0	-435	-435	0	17505	18313	808	-8021	-8392	370			

pchartl=4

WE090-7N