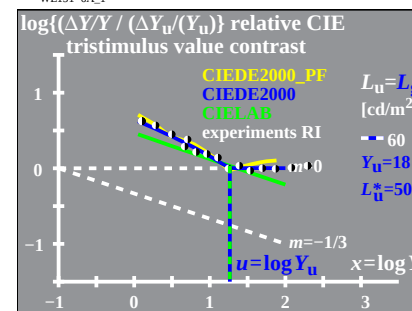
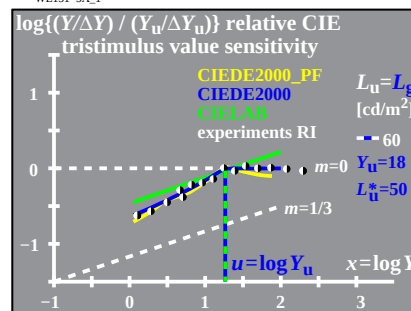
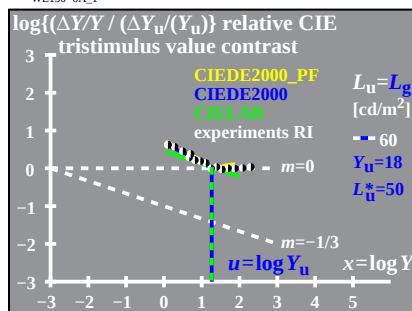
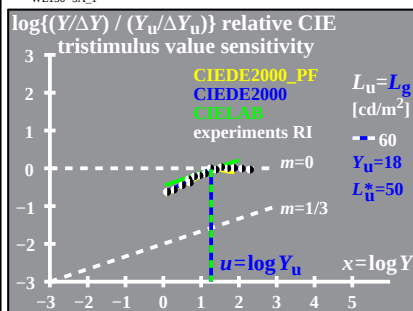
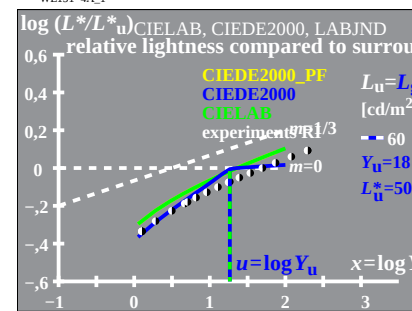
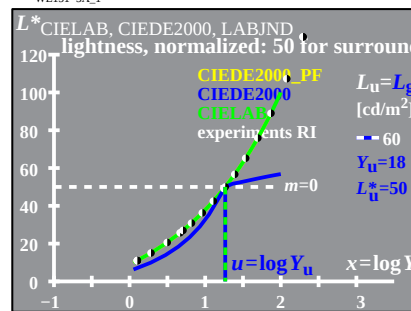
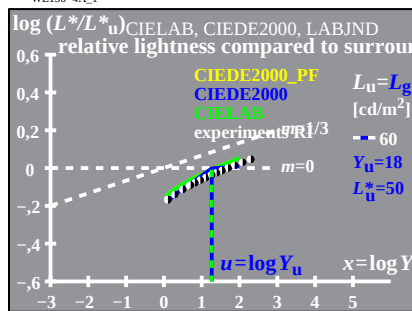
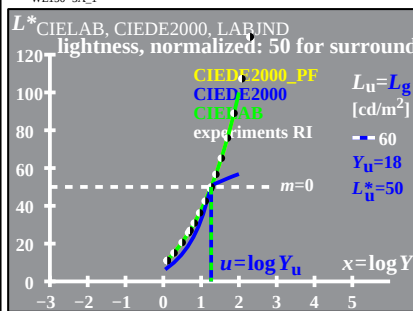
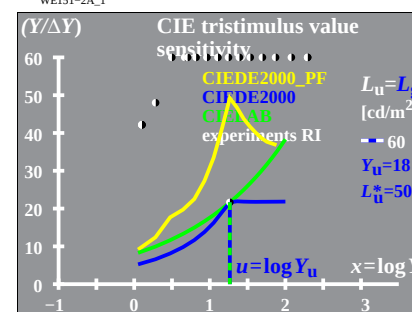
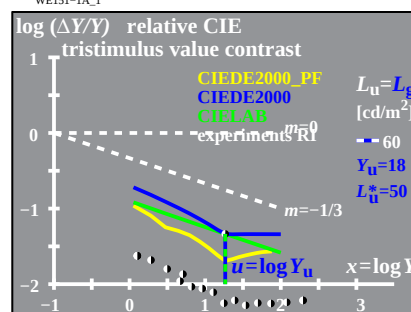
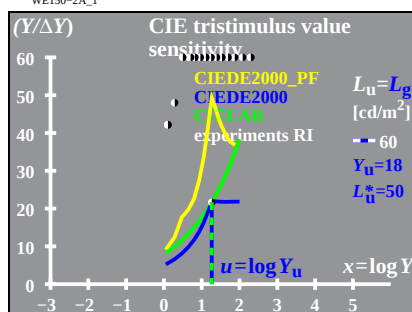
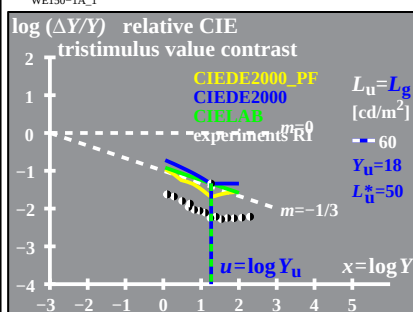
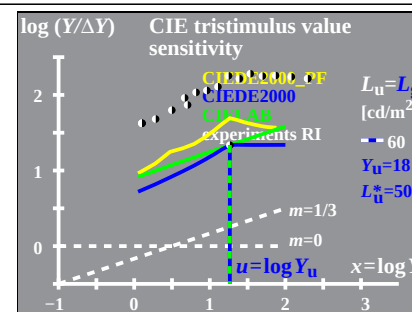
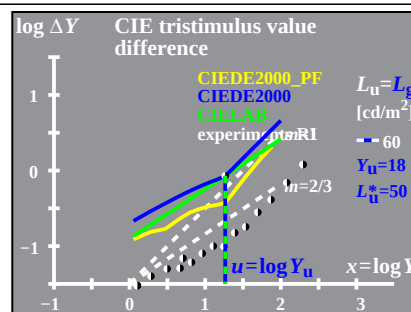
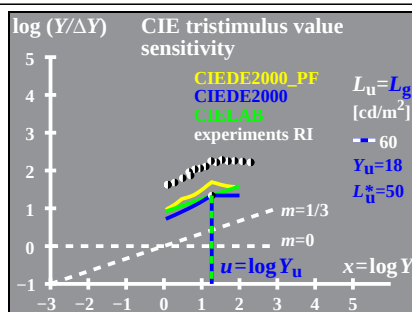
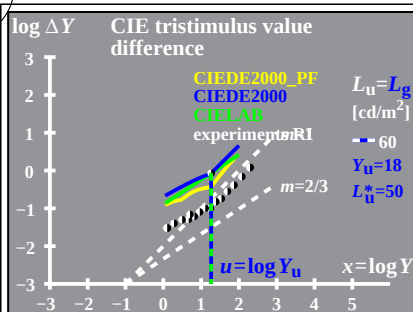


see similar files: <http://130.149.60.45/~farbmetrik/WE15/WE15L0NA.TXT>
technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

TUB registration: 20130201-WE15/WE15L0NA.TXT /.PS
application for measurement of display output

TUB material: code=rha4ta



see similar files: <http://130.149.60.45/~farbmetrik/WE15/WE15.HTM>
technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

TUB registration: 20130201-WE15/WE15L0NA.TXT /.PS
application for measurement of display output
TUB material: code=rha4ta

%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	0001188	0001249	0001375	0001000	00930	00930	01000	01000	00600	01000	10110000	(10002_WN)	10	0	0	%
1000000	1126	1249	123	9999	10914	914	950	951	0	-435	-440	4	1070	1188	118	-490	-550	59			
0095040	0100000	0108880	0001813	0001908	0002078	0001965	0002062	0002266	0001000	00840	00840	01000	01000	00600	01000	10110000	(15002_WN)	15	0	0	%
1000000	1908	2062	153	14996	15809	812	950	952	2	-435	-439	3	1813	1965	152	-831	-906	75			
0095040	0100000	0108880	0002840	0002989	0003254	0003013	0003158	0003471	0001000	00730	00730	01000	01000	00600	01000	10110000	(20002_WN)	20	0	0	%
1000000	2989	3158	169	19999	20665	666	950	954	3	-435	-439	4	2840	3013	173	-1301	-1388	86			
0095040	0100000	0108880	0004196	0004415	0004807	0004421	0004639	0005098	0001000	00740	00740	01000	01000	00600	01000	10110000	(25002_WN)	25	0	0	%
1000000	4415	4639	223	24998	25680	681	950	953	2	-435	-439	4	4196	4421	224	-1922	-2039	116			
0095040	0100000	0108880	0005926	0006235	0006789	0006198	0006512	0007161	0001000	00730	00730	01000	01000	00600	01000	10110000	(30002_WN)	30	0	0	%
1000000	6235	6512	276	29997	30669	671	950	951	1	-435	-439	4	5926	6198	272	-2715	-2864	148			
0095040	0100000	0108880	0008076	0008498	0009253	0008381	0008809	0009687	0001000	00690	00690	01000	01000	00600	01000	10110000	(35002_WN)	35	0	0	%
1000000	8498	8809	310	34999	35613	614	950	951	1	-435	-439	4	8076	8381	305	-3701	-3874	173			
0095040	0100000	0108880	0010692	0011250	0012250	0011022	0011586	0012746	0001000	00650	00650	01000	01000	00600	01000	10110000	(40002_WN)	40	0	0	%
1000000	11250	11586	335	39998	40550	552	950	951	0	-435	-440	4	10692	11022	329	-4900	-5098	198			
0095040	0100000	0108880	0013820	0014541	0015833	0014162	0014893	0016390	0001000	00620	00620	01000	01000	00600	01000	10110000	(45002_WN)	45	0	0	%
1000000	14541	14893	352	44999	45487	488	950	950	0	-435	-440	4	13820	14162	342	-6333	-6556	222			
0095040	0100000	0108880	0017505	0018418	0020054	0017861	0018792	0020680	0001000	00600	00600	01000	01000	00600	01000	10110000	(50002_WN)	50	0	0	%
1000000	18418	18792	374	49999	50442	443	950	950	0	-435	-440	4	17505	17861	355	-8021	-8272	250			
0095040	0100000	0108880	0021792	0022929	0024966	0022262	0023420	0025730	0001000	00620	00620	01000	01000	00600	01000	10110000	(55002_WN)	55	0	0	%
1000000	22929	23420	491	54999	55502	503	950	950	0	-435	-439	3	21792	22262	469	-9986	-10292	305			
0095040	0100000	0108880	0026728	0028123	0030620	0027339	0028766	0031554	0001000	00660	00660	01000	01000	00600	01000	10110000	(60002_WN)	60	0	0	%
1000000	28123	28766	642	59999	60574	574	950	950	0	-435	-438	3	26728	27339	611	-12248	-12621	373			
0095040	0100000	0108880	0032358	0034047	0037070	0033127	0034864	0038191	0001000	00700	00700	01000	01000	00600	01000	10110000	(65002_WN)	65	0	0	%
1000000	34047	34864	817	64999	65642	642	950	950	0	-435	-438	2	32358	33127	769	-14828	-15276	448			
0095040	0100000	0108880	0038728	0040749	0044367	0039677	0041767	0045688	0001000	00750	00750	01000	01000	00600	01000	10110000	(70002_WN)	70	0	0	%
1000000	40749	41767	1018	69999	70709	710	950	949	0	-435	-437	2	38728	39677	949	-17746	-18275	528			
0095040	0100000	0108880	0045883	0048278	0052565	0047047	0049527	0054103	0001000	00800	00800	01000	01000	00600	01000	10110000	(75002_WN)	75	0	0	%
1000000	48278	49527	1249	74999	75778	778	950	949	0	-435	-436	1	45883	47047	1163	-21026	-21641	615			
0095040	0100000	0108880	0053869	0056681	0061714	0055280	0058185	0063507	0001000	00850	00850	01000	01000	00600	01000	10110000	(80002_WN)	80	0	0	%
1000000	56681	58185	1503	79999	80841	841	950	950	0	-435	-436	1	53869	55280	1410	-24685	-25402	717			
0095040	0100000	0108880	0062733	0066007	0071868	0064405	0067780	0073948	0001000	00900	00900	01000	01000	00600	01000	10110000	(85002_WN)	85	0	0	%
1000000	66007	67780	1773	84999	85896	896	950	950	0	-435	-436	0	62733	64405	1672	-28747	-29579	832			
0095040	0100000	0108880	0062733	0066007	0071868	0064405	0067780	0073948	0001000	00900	00900	01000	01000	00600	01000	10110000	(85002_WN)	85	0	0	%
1000000	66007	67780	1773	84999	85896	896	950	950	0	-435	-436	0	62733	64405	1672	-28747	-29579	832			
0095040	0100000	0108880	0072518	0076303	0083079	0074481	0078376	0085455	0001000	00960	00960	01000	01000	00600	01000	10110000	(90002_WN)	90	0	0	%
1000000	76303	78376	2073	89999	90951	951	950	950	0	-435	-436	0	72518	74481	1962	-33231	-34182	950			
0095040	0100000	0108880	0072518	0076303	0083079	0074481	0078376	0085455	0001000	00960	00960	01000	01000	00600	01000	10110000	(90002_WN)	90	0	0	%
1000000	76303	78376	2073	89999	90951	951	950	950	0	-435	-436	0	72518	74481	1962	-33231	-34182	950			

pchartl=1

WE150-7N

http://130.149.60.45/~farbmetrik/WE15/WE15L0NA.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/WE15/WE15.HTM>
technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

TUB registration: 20130201-WE15/WE15L0NA.TXT /.PS
application for measurement of display output
TUB material: code=rha4ta

%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	%
100000	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	%
100000	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	%
100000	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	%
100000	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	%
100000	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	%
100000	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	%
100000	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	%
100000	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	%
100000	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	%
100000	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	%
100000	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	%
100000	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	%
100000	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	%
100000	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	%
100000	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	%
100000	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	%
100000	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	%
100000	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	%
100000	100000	102609	2608	100000	101000	1000	950	950	0	-435	-435	0	95040	97520	2480	-43552	-44688	1136			

pchartl=2

WE150-7N

TUB-test chart WE15; Colour difference formulae
CIELAB, CIEDE2000, CIEDE2000_PF formulae, properties in WN-direction, experiments RI

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

http://130.149.60.45/~farbmetrik/WE15/WE15L0NA.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/WE15/WE15.HTM>
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

WE150-7N

TUB-test chart WE15; Colour difference formulae
CIELAB, CIEDE2000, CIEDE2000_PF formulae, properties in WN-direction, experiments RI

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

TUB registration: 20130201-WE15/WE15L0NA.TXT /.PS
application for measurement of display output
TUB material: code=rha4ta

see similar files: <http://130.149.60.45/~farbmetrik/WE15/WE15.HTM>
technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

TUB registration: 20130201-WE15/WE15L0NA.TXT /.PS
application for measurement of display output
TUB material: code=rha4ta

%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

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