

see similar files: <http://farbe.li-tu-berlin.de/CEY7/CEY7.HTM>
technical information: <http://farbe.li-tu-berlin.de> or <http://130.149.60.45/~farbmetrik>

Code	X	Y	Z	x	y	A ₁	B ₁	CAB ₁	a ₁	b ₁	hAB ₁	i _d	λ _d	i _c	λ _c
P65	96.86	99.99	112.33	0.313	0.323	0.0	0.0	0.0	1.571	-1.123	0				
520_705	77.59	82.03	1.14	0.482	0.51	20.87	91.0	93.36	1.825	-0.014	77	40	575	20	476
380_520	19.17	17.86	111.07	0.129	0.12	-20.87	-91.0	93.36	0.403	-6.215	257	20	476	40	575
P60	97.06	99.99	104.57	0.321	0.331	0.0	0.0	0.0	1.597	-1.045	0				
520_705	79.2	82.67	1.13	0.485	0.507	21.13	85.31	87.89	1.852	-0.013	76	40	576	20	476
380_520	17.76	17.22	103.33	0.128	0.124	-21.13	-85.31	87.89	0.37	-5.997	256	20	476	40	576
P55	97.45	99.99	95.98	0.332	0.34	0.0	0.0	0.0	1.629	-0.959	0				
520_705	81.13	83.41	1.11	0.489	0.503	21.36	78.94	81.78	1.885	-0.013	74	40	577	20	477
380_520	16.22	16.48	94.77	0.127	0.129	-21.36	-78.94	81.78	0.333	-5.749	254	20	477	40	577
P50	98.12	100.0	86.5	0.344	0.351	0.0	0.0	0.0	1.67	-0.865	0				
520_705	83.5	84.28	1.09	0.494	0.499	21.53	71.81	74.96	1.925	-0.013	73	40	577	20	477
380_520	14.52	15.61	85.31	0.125	0.135	-21.53	-71.81	74.96	0.291	-5.463	253	20	477	40	577
P45	99.2	100.0	76.07	0.36	0.363	0.0	0.0	0.0	1.723	-0.76	0				
520_705	86.44	85.3	1.06	0.5	0.493	21.58	63.82	67.37	1.976	-0.012	71	40	578	20	478
380_520	12.66	14.59	74.92	0.123	0.142	-21.58	-63.82	67.37	0.243	-5.134	251	20	478	40	578
P40	100.93	99.99	64.68	0.379	0.376	0.0	0.0	0.0	1.792	-0.646	0				
520_705	90.18	86.52	1.03	0.507	0.486	21.45	54.93	58.97	2.04	-0.011	68	40	579	20	479
380_520	10.65	13.37	63.59	0.121	0.152	-21.45	-54.93	58.97	0.189	-4.752	248	20	479	40	579
P35	103.66	100.0	52.43	0.404	0.39	0.0	0.0	0.0	1.887	-0.524	0				
520_705	95.05	87.97	0.98	0.516	0.478	21.0	45.14	49.78	2.126	-0.011	65	41	580	21	480
380_520	8.5	11.92	51.39	0.118	0.166	-21.0	-45.14	49.78	0.126	-4.308	245	21	480	41	580
P30	108.04	100.0	39.55	0.436	0.403	0.0	0.0	0.0	2.02	-0.395	0				
520_705	101.65	89.71	0.91	0.528	0.466	20.01	34.56	39.93	2.243	-0.01	59	41	582	21	482
380_520	6.28	10.18	38.59	0.114	0.185	-20.01	-34.56	39.93	0.055	-3.788	239	21	482	41	582

CEY70-3N YAB1, YB, Pxx

Code	X	Y	Z	x	y	A ₁	B ₁	CAB ₁	a ₁	b ₁	hAB ₁	i _d	λ _d	i _c	λ _c
P65	96.86	99.99	112.33	0.313	0.323	0.0	0.0	0.0	1.571	-1.123	0				
470_570	20.67	60.7	25.64	0.193	0.567	-73.13	42.54	84.61	0.366	-0.422	149	28	518	-1	518c
570_470	76.09	39.19	86.57	0.376	0.194	73.13	-42.54	84.61	3.437	-2.209	329	-1	518c	28	518
P60	97.06	99.99	104.57	0.321	0.331	0.0	0.0	0.0	1.597	-1.045	0				
470_570	20.53	59.96	24.52	0.195	0.57	-73.32	38.17	82.67	0.374	-0.409	152	28	517	-1	517c
570_470	76.44	39.93	79.93	0.389	0.203	73.32	-38.17	82.67	3.433	-2.001	332	-1	517c	28	517
P55	97.45	99.99	95.98	0.332	0.34	0.0	0.0	0.0	1.629	-0.959	0				
470_570	20.35	59.05	23.24	0.198	0.575	-73.58	33.44	80.82	0.383	-0.393	155	28	517	-1	517c
570_470	77.0	40.84	72.64	0.404	0.214	73.58	-33.44	80.82	3.431	-1.778	335	-1	517c	28	517
P50	98.12	100.0	86.5	0.344	0.351	0.0	0.0	0.0	1.67	-0.865	0				
470_570	20.12	57.94	21.75	0.201	0.58	-73.91	28.36	79.16	0.394	-0.375	159	28	516	-1	516c
570_470	77.89	41.95	64.65	0.422	0.227	73.91	-28.36	79.16	3.431	-1.541	339	-1	516c	28	516
P45	99.2	100.0	76.07	0.36	0.363	0.0	0.0	0.0	1.723	-0.76	0				
470_570	19.83	56.53	20.02	0.205	0.586	-74.32	22.97	77.79	0.408	-0.354	162	28	515	-1	515c
570_470	79.26	43.36	55.96	0.443	0.242	74.32	-22.97	77.79	3.437	-1.29	342	-1	515c	28	515
P40	100.93	99.99	64.68	0.379	0.376	0.0	0.0	0.0	1.792	-0.646	0				
470_570	19.45	54.72	18.01	0.21	0.593	-74.83	17.38	76.82	0.425	-0.329	166	28	515	-1	515c
570_470	81.37	45.17	46.6	0.469	0.26	74.83	-17.38	76.82	3.449	-1.031	346	-1	515c	28	515
P35	103.66	100.0	52.43	0.404	0.39	0.0	0.0	0.0	1.887	-0.524	0				
470_570	18.92	52.34	15.66	0.217	0.602	-75.39	11.77	76.3	0.447	-0.299	171	27	514	-1	514c
570_470	84.64	47.55	36.71	0.501	0.281	75.39	-11.77	76.3	3.472	-0.772	351	-1	514c	27	514
P30	108.04	100.0	39.55	0.436	0.403	0.0	0.0	0.0	2.02	-0.395	0				
470_570	18.16	49.1	12.93	0.226	0.612	-75.85	6.49	76.13	0.475	-0.263	175	27	514	-1	514c
570_470	89.77	50.79	26.57	0.537	0.303	75.85	-6.49	76.13	3.513	-0.523	355	-1	514c	27	514

CEY70-7N YAB1, GM, Pxx

TUB-test chart CEY7; YB and GM data; 8 illuminants Pxx; 2°-CIE observer
CIEXYZ, YABCAbh₁, and YABCAbh₂ data; wavelength: λ₁, λ₂, λ_d and λ_c

Code	X	Y	Z	x	y	A ₂	B ₂	CAB ₂	a ₂	b ₂	hAB ₂	i _d	λ _d	i _c	λ _c
P65	96.86	99.99	112.33	0.313	0.323	0.0	0.0	0.0	1.257	-0.898	0				
520_705	77.59	82.03	1.14	0.482	0.51	16.7	72.8	74.69	1.46	-0.011	77	40	575	20	476
380_520	19.17	17.86	111.07	0.129	0.12	-16.7	-72.8	74.69	0.322	-4.972	257	20	476	40	575
P60	97.06	99.99	104.57	0.321	0.331	0.0	0.0	0.0	1.277	-0.836	0				
520_705	79.2	82.67	1.13	0.485	0.507	16.9	68.25	70.31	1.482	-0.01	76	40	576	20	476
380_520	17.76	17.22	103.33	0.128	0.124	-16.9	-68.25	70.31	0.296	-4.798	256	20	476	40	576
P55	97.45	99.99	95.98	0.332	0.34	0.0	0.0	0.0	1.303	-0.767	0				
520_705	81.13	83.41	1.11	0.489	0.503	17.09	63.15	65.43	1.508	-0.01	74	40	577	20	477
380_520	16.22	16.48	94.77	0.127	0.129	-17.09	-63.15	65.43	0.266	-4.599	254	20	477	40	577
P50	98.12	100.0	86.5	0.344	0.351	0.0	0.0	0.0	1.336	-0.692	0				
520_705	83.5	84.28	1.09	0.494	0.499	17.22	57.44	59.97	1.54	-0.01	73	40	577	20	477
380_520	14.52	15.61	85.31	0.125	0.135	-17.22	-57.44	59.97	0.233	-4.37	253	20	477	40	577
P45	99.2	100.0	76.07	0.36	0.363	0.0	0.0	0.0	1.378	-0.608	0				
520_705	86.44	85.3	1.06	0.5	0.493	17.27	51.06	53.9	1.58	-0.01	71	40	578	20	478
380_520	12.66	14.59	74.92	0.123	0.142	-17.27	-51.06	53.9	0.194	-4.107	251	20	478	40	578
P40	100.93	99.99	64.68	0.379	0.376	0.0	0.0	0.0	1.434	-0.517	0				
520_705	90.18	86.52	1.03	0.507	0.486	17.16	43.94	47.18	1.632	-0.009	68	40	579	20	479
380_520	10.65	13.37	63.59	0.121	0.152	-17.16	-43.94	47.18	0.151	-3.802	248	20	479	40	579
P35	103.66	100.0	52.43	0.404	0.39	0.0	0.0	0.0	1.509	-0.419	0				
520_705	95.05	87.97	0.98	0.516	0.478	16.8	36.11	39.83	1.7	-0.008	65	41	580	21	480
380_520	8.5	11.92	51.39	0.118	0.166	-16.8	-36.11	39.83	0.101	-3.446	245	21	480	41	580
P30	108.04	100.0	39.55	0.436	0.403	0.0	0.0	0.0	1.616	-0.316	0				
520_705	101.65	89.71	0.91	0.528	0.466	16.01	27.65	31.95	1.794	-0.008	59	41	582	21	482
380_520	6.28	10.18	38.59	0.114	0.185	-16.01	-27.65	31.95	0.044	-3.03	239	21	482	41	582

CEY71-3N YAB2, YB, Pxx

Code	X	Y	Z	x	y	A ₂	B ₂	CAB ₂	a ₂	b ₂	hAB ₂	i _d	λ _d	i _c	λ _c
P65	96.86	99.99	112.33	0.313	0.323	0.0	0.0	0.0	1.257	-0.898	0				
470_570	20.67	60.7	25.64	0.193	0.567	-58.5	34.03	67.69	0.293	-0.337	149	28	518	-1	518c
570_470	76.09	39.19	86.57	0.376	0.194	58.5	-34.03	67.69	2.749	-1.767	329	-1	518c	28	518
P60	97.06	99.99	104.57	0.321	0.331	0.0	0.0	0.0	1.277	-0.836	0				
470_570	20.53	59.96	24.52	0.195	0.57	-58.66	30.54	66.13	0.299	-0.327	152	28	517	-1	517c
570_470	76.44	39.93	79.93	0.389	0.203	58.66	-30.54	66.13	2.746	-1.601	332	-1	517c	28	517
P55	97.45	99.99	95.98	0.332	0.34	0.0	0.0	0.0	1.303	-0.767	0				
470_570	20.35	59.05	23.24	0.198	0.575	-58.86	26.75	64.66	0.306	-0.314	155	28	517	-1	517c
570_470	77.0	40.84	72.64	0.404	0.214	58.86	-26.75	64.66	2.744	-1.423	335	-1	517c	28	517
P50	98.12	100.0	86.5	0.344	0.351	0.0	0.0	0.0	1.336	-0.692	0				
470_570	20.12	57.94	21.75	0.201	0.58	-59.12	22.69	63.33	0.315	-0.3	159	28	516	-1	516c
570_470	77.89	41.95	64.65	0.422	0.227	59.12	-22.69	63.33	2.745	-1.232	339	-1	516c	28	516
P45	99.2	100.0	76.07	0.36	0.363	0.0	0.0	0.0	1.378	-0.608	0				
470_570	19.83	56.53	20.02	0.205	0.586	-59.46	18.38	62.23	0.326	-0.283	162	28	515	-1	515c
570_470	79.26	43.36	55.96	0.443	0.242	59.46	-18.38	62.23	2.749	-1.032	342	-1	515c	28	515
P40	100.93	99.99	64.68	0.379	0.376	0.0	0.0	0.0	1.434	-0.517	0				
470_570	19.45	54.72	18.01	0.21	0.593	-59.86	13.9	61.46	0.34	-0.263	166	28	515	-1	515c
570_470	81.37	45.17	46.6	0.469	0.26	59.86	-13.9	61.46	2.759	-0.825	346	-1	515c	28	515
P35	103.66	100.0	52.43	0.404	0.39	0.0	0.0	0.0	1.509	-0.419	0				
470_570	18.92	52.34	15.66	0.217	0.602	-60.31	9.42	61.04	0.357	-0.239	171	27	514	-1	514c
570_470	84.64	47.55	36.71	0.501	0.281	60.31	-9.42	61.04	2.778	-0.617	351	-1	514c	27	514
P30	108.04	100.0	39.55	0.436	0.403	0.0	0.0	0.0	1.616	-0.316	0				
470_570	18.16	49.11	12.93	0.226	0.612	-60.68	5.19	60.9	0.38	-0.21	175	27	514	-1	514c
570_470	89.77	50.79	26.57	0.537	0.303	60.68	-5.19	60.9	2.81	-0.418	355	-1	514c	27	514

see similar files: <http://farbe.li-tu-berlin.de/CEY7/CEY7.HTM>
technical information: <http://farbe.li-tu-berlin.de> or <http://130.149.60.45/~farbmetrik>

TUB registration: 20220401-CEY7/CEY7L0NA.TXT /.PS
application for evaluation and measurement of display or print output
TUB material: code=rha4ta

Code	X ₁₀	Y ₁₀	Z ₁₀	x ₁₀	y ₁₀	A _{1,10}	B _{1,10}	CAB _{1,10}	a _{1,10}	b _{1,10}	hAB _{1,10}	i _d	λ _d	i _c	λ _c
P65	96.73	99.99	111.64	0.313	0.324	0.0	0.0	0.0	1.57	-1.116	0				
520_705	76.85	75.87	0.67	0.5	0.494	30.8	84.03	89.49	1.976	-0.008	69	39	573	19	472
380_520	19.78	24.02	110.85	0.127	0.155	-30.8	-84.03	89.49	0.288	-4.614	249	19	472	39	573
P60	97.09	99.99	104.01	0.322	0.332	0.0	0.0	0.0	1.599	-1.04	0				
520_705	78.61	76.75	0.67	0.503	0.491	30.87	79.17	84.97	2.001	-0.008	68	39	574	19	473
380_520	18.38	23.14	103.24	0.126	0.159	-30.87	-79.17	84.97	0.265	-4.461	248	19	473	39	574
P55	97.65	100.0	95.55	0.333	0.341	0.0	0.0	0.0	1.635	-0.955	0				
520_705	80.72	77.78	0.66	0.507	0.488	30.87	73.66	79.86	2.031	-0.008	67	39	574	19	473
380_520	16.82	22.11	94.79	0.125	0.165	-30.87	-73.66	79.86	0.239	-4.285	247	19	473	39	574
P50	98.51	100.0	86.17	0.346	0.351	0.0	0.0	0.0	1.679	-0.861	0				
520_705	83.29	78.97	0.64	0.511	0.484	30.75	67.4	74.09	2.069	-0.008	65	40	575	19	474
380_520	15.11	20.92	85.43	0.124	0.172	-30.75	-67.4	74.09	0.209	-4.083	245	19	474	40	575
P45	99.8	100.0	75.8	0.362	0.362	0.0	0.0	0.0	1.737	-0.758	0				
520_705	86.46	80.38	0.63	0.516	0.479	30.46	60.3	67.56	2.116	-0.007	63	40	576	20	475
380_520	13.23	19.51	75.09	0.122	0.18	-30.46	-60.3	67.56	0.175	-3.848	243	20	475	40	576
P40	101.75	100.0	64.44	0.382	0.375	0.0	0.0	0.0	1.811	-0.644	0				
520_705	90.46	82.05	0.61	0.522	0.473	29.88	52.27	60.21	2.175	-0.007	60	40	577	20	476
380_520	11.18	17.84	63.77	0.12	0.192	-29.88	-52.27	60.21	0.137	-3.574	240	20	476	40	577
P35	104.71	100.0	52.16	0.407	0.389	0.0	0.0	0.0	1.911	-0.521	0				
520_705	95.62	84.05	0.58	0.53	0.466	28.82	43.26	51.98	2.254	-0.006	56	40	578	20	477
380_520	8.98	15.84	51.52	0.117	0.207	-28.82	-43.26	51.98	0.092	-3.251	236	20	477	40	578
P30	109.29	99.99	39.19	0.439	0.402	0.0	0.0	0.0	2.049	-0.391	0				
520_705	102.49	86.43	0.53	0.54	0.456	27.01	33.34	42.91	2.361	-0.006	50	41	580	20	478
380_520	6.69	13.46	38.62	0.113	0.229	-27.01	-33.34	42.91	0.041	-2.868	230	20	478	41	580

CEY70-3N YAB1, YB, Pxx

Code	X ₁₀	Y ₁₀	Z ₁₀	x ₁₀	y ₁₀	A _{1,10}	B _{1,10}	CAB _{1,10}	a _{1,10}	b _{1,10}	hAB _{1,10}	i _d	λ _d	i _c	λ _c
P65	96.73	99.99	111.64	0.313	0.324	0.0	0.0	0.0	1.57	-1.116	0				
470_570	22.92	60.93	21.24	0.218	0.579	-67.27	46.78	81.93	0.466	-0.348	145	29	520	-1	520c
570_470	73.71	38.96	90.28	0.363	0.191	67.27	-46.78	81.93	3.296	-2.316	325	-1	520c	29	520
P60	97.09	99.99	104.01	0.322	0.332	0.0	0.0	0.0	1.599	-1.04	0				
470_570	22.86	60.26	20.37	0.22	0.582	-67.68	42.31	79.82	0.476	-0.338	147	29	520	-1	520c
570_470	74.13	39.63	83.54	0.375	0.2	67.68	-42.31	79.82	3.307	-2.107	327	-1	520c	29	520
P55	97.65	100.0	95.55	0.333	0.341	0.0	0.0	0.0	1.635	-0.955	0				
470_570	22.77	59.44	19.35	0.224	0.585	-68.18	37.44	77.79	0.488	-0.325	151	28	519	-1	519c
570_470	74.78	40.45	76.1	0.39	0.211	68.18	-37.44	77.79	3.32	-1.881	331	-1	519c	28	519
P50	98.51	100.0	86.17	0.346	0.351	0.0	0.0	0.0	1.679	-0.861	0				
470_570	22.65	58.4	18.16	0.228	0.588	-68.78	32.15	75.92	0.502	-0.311	154	28	519	-1	519c
570_470	75.76	41.49	67.91	0.409	0.224	68.78	-32.15	75.92	3.337	-1.636	334	-1	519c	28	519
P45	99.8	100.0	75.8	0.362	0.362	0.0	0.0	0.0	1.737	-0.758	0				
470_570	22.46	57.07	16.77	0.233	0.592	-69.48	26.48	74.36	0.519	-0.293	159	28	517	-1	517c
570_470	77.24	42.82	58.95	0.431	0.239	69.48	-26.48	74.36	3.359	-1.376	339	-1	517c	28	517
P40	101.75	100.0	64.44	0.382	0.375	0.0	0.0	0.0	1.811	-0.644	0				
470_570	22.17	55.33	15.14	0.239	0.597	-70.29	20.52	73.22	0.541	-0.273	163	28	516	-1	516c
570_470	79.47	44.56	49.24	0.458	0.257	70.29	-20.52	73.22	3.389	-1.104	343	-1	516c	28	516
P35	104.71	100.0	52.16	0.407	0.389	0.0	0.0	0.0	1.911	-0.521	0				
470_570	21.74	52.99	13.2	0.247	0.602	-71.13	14.43	72.58	0.569	-0.249	168	28	515	-1	515c
570_470	82.87	46.9	38.9	0.491	0.278	71.13	-14.43	72.58	3.428	-0.829	348	-1	515c	28	515
P30	109.29	99.99	39.19	0.439	0.402	0.0	0.0	0.0	2.049	-0.391	0				
470_570	21.04	49.76	10.92	0.257	0.608	-71.83	8.58	72.34	0.605	-0.219	173	27	513	-1	513c
570_470	88.14	50.13	28.23	0.529	0.301	71.83	-8.58	72.34	3.481	-0.563	353	-1	513c	27	513

CEY70-7N YAB1, GM, Pxx

Code	X ₁₀	Y ₁₀	Z ₁₀	x ₁₀	y ₁₀	A _{2,10}	B _{2,10}	CAB _{2,10}	a _{2,10}	b _{2,10}	hAB _{2,10}	i _d	λ _d	i _c	λ _c
P65	96.73	99.99	111.64	0.313	0.324	0.0	0.0	0.0	1.256	-0.893	0				
520_705	76.85	75.87	0.67	0.5	0.494	24.64	67.22	71.59	1.581	-0.007	69	39	573	19	472
380_520	19.78	24.02	110.85	0.127	0.155	-24.64	-67.22	71.59	0.23	-3.691	249	19	472	39	573
P60	97.09	99.99	104.01	0.322	0.332	0.0	0.0	0.0	1.279	-0.832	0				
520_705	78.61	76.75	0.67	0.503	0.491	24.69	63.33	67.98	1.601	-0.006	68	39	574	19	473
380_520	18.38	23.14	103.24	0.126	0.159	-24.69	-63.33	67.98	0.212	-3.569	248	19	473	39	574
P55	97.65	100.0	95.55	0.333	0.341	0.0	0.0	0.0	1.308	-0.764	0				
520_705	80.72	77.78	0.66	0.507	0.488	24.69	58.92	63.89	1.625	-0.006	67	39	574	19	473
380_520	16.82	22.11	94.79	0.125	0.165	-24.69	-58.92	63.89	0.191	-3.428	247	19	473	39	574
P50	98.51	100.0	86.17	0.346	0.351	0.0	0.0	0.0	1.343	-0.689	0				
520_705	83.29	78.97	0.64	0.511	0.484	24.6	53.92	59.27	1.655	-0.006	65	40	575	19	474
380_520	15.11	20.92	85.43	0.124	0.172	-24.6	-53.92	59.27	0.167	-3.266	245	19	474	40	575
P45	99.8	100.0	75.8	0.362	0.362	0.0	0.0	0.0	1.389	-0.606	0				
520_705	86.46	80.38	0.63	0.516	0.479	24.37	48.24	54.05	1.692	-0.006	63	40	576	20	475
380_520	13.23	19.51	75.09	0.122	0.18	-24.37	-48.24	54.05	0.14	-3.078	243	20	475	40	576
P40	101.75	100.0	64.44	0.382	0.375	0.0	0.0	0.0	1.449	-0.515	0				
520_705	90.46	82.05	0.61	0.522	0.473	23.9	41.81	48.16	1.74	-0.005	60	40	577	20	476
380_520	11.18	17.84	63.77	0.12	0.192	-23.9	-41.81	48.16	0.109	-2.859	240	20	476	40	577
P35	104.71	100.0	52.16	0.407	0.389	0.0	0.0	0.0	1.529	-0.417	0				
520_705	95.62	84.05	0.58	0.53	0.466	23.06	34.6	41.58	1.803	-0.005	56	40	578	20	477
380_520	8.98	15.84	51.52	0.117	0.207	-23.06	-34.6	41.58	0.074	-2.6	236	20	477	40	578
P30	109.29	99.99	39.19	0.439	0.402	0.0	0.0	0.0	1.639	-0.313	0				
520_705	102.49	86.43	0.53	0.54	0.456	21.61	26.67	34.33	1.889	-0.004	50	41	580	20	478
380_520	6.69	13.46	38.62	0.113	0.229	-21.61	-26.67	34.33	0.033	-2.295	230	20	478	41	580

CEY71-3N YAB2, YB, Pxx

Code	X ₁₀	Y ₁₀	Z ₁₀	x ₁₀	y ₁₀	A _{2,10}	B _{2,10}	CAB _{2,10}	a _{2,10}	b _{2,10}	hAB _{2,10}	i _d	λ _d	i _c	λ _c
P65	96.73	99.99	111.64	0.313	0.324	0.0	0.0	0.0	1.256	-0.893	0				
470_570	22.92	60.93	21.24	0.218	0.579	-53.81	37.42	65.55	0.373	-0.278	145	29	520	-1	520c
570_470	73.71	38.96	90.28	0.363	0.191	53.81	-37.42	65.55	2.637	-1.853	325	-1	520c	29	520c
P60	97.09	99.99	104.01	0.322	0.332	0.0	0.0	0.0	1.279	-0.832	0				
470_570	22.86	60.26	20.37	0.22	0.582	-54.14	33.85	63.86	0.38	-0.27	147	29	520	-1	520c
570_470	74.13	39.63	83.54	0.375	0.2	54.14	-33.85	63.86	2.645	-1.686	327	-1	520c	29	520c
P55	97.65	100.0	95.55	0.333	0.341	0.0	0.0	0.0	1.308	-0.764	0				
470_570	22.77	59.44	19.35	0.224	0.585	-54.54	29.95	62.23	0.39	-0.26	151	28	519	-1	519c
570_470	74.78	40.45	76.1	0.39	0.211	54.54	-29.95	62.23	2.656	-1.504	331	-1	519c	28	519c
P50	98.51	100.0	86.17	0.346	0.351	0.0	0.0	0.0	1.343	-0.689	0				
470_570	22.65	58.54	18.16	0.228	0.588	-55.02	25.72	60.74	0.401	-0.248	154	28	519	-1	519c
570_470	75.76	41.49	67.91	0.409	0.224	55.02	-25.72	60.74	2.67	-1.309	334	-1	519c	28	519c
P45	99.8	100.0	75.8	0.362	0.362	0.0	0.0	0.0	1.389	-0.606	0				
470_570	22.46	57.07	16.77	0.233	0.592	-55.58	21.19	59.49	0.415	-0.235	159	28	517	-1	517c
570_470	77.24	42.82	58.95	0.431	0.239	55.58	-21.19	59.49	2.687	-1.101	339	-1	517c	28	517c
P40	101.75	100.0	64.44	0.382	0.375	0.0	0.0	0.0	1.449	-0.515	0				
470_570	22.17	55.33	15.14	0.239	0.597	-56.23	16.41	58.57	0.433	-0.218	163	28	516	-1	516c
570_470	79.47	44.56	49.24	0.458	0.257	56.23	-16.41	58.57	2.711	-0.883	343	-1	516c	28	516c
P35	104.71	100.0	52.16	0.407	0.389	0.0	0.0	0.0	1.529	-0.417	0				
470_570	21.74	52.99	13.2	0.247	0.602	-56.91	11.55	58.07	0.455	-0.199	168	28	515	-1	515c
570_470	82.87	46.9	38.9	0.491	0.278	56.91	-11.55	58.07	2.742	-0.663	348	-1	515c	28	515c
P30	109.29	99.99	39.19	0.439	0.402	0.0	0.0	0.0	1.639	-0.313	0				
470_570	21.04	49.76	10.92	0.257	0.608	-57.46	6.86	57.87	0.484	-0.175	173	27	513	-1	513c
570_470	88.14	50.13	28.23	0.529	0.301	57.46	-6.86	57.87	2.785	-0.45	353	-1	513c	27	513c