

Siehe ähnliche Dateien: <http://130.149.60.45/~farbmetrik/VG39/VG39.HTM>
 Technische Information: <http://www.ps.bam.de> oder <http://130.149.60.45/~farbmetrik>

TUB-Registrierung: 20130201-VG39/VG39LONA.TXT /PS TUB-Material: Code=rh4ta
 Anwendung für Messung von Display-Ausgabe, keine Separation

Ostwald-Optimalfarben (o) von maximalem (m) C _{AB} für E00, Y _w =100, Y _m =520_770, CIELAB-Daten														
i ₁ , λ ₁	i ₂ , λ ₂	L*100	a*100	b*100	C*ab	a'	b'	h _{ab}	i _d , λ _d	i _c , λ _c	Code	%	%	
1	405	32	564	80.42	-71.93	-32.6	78.97	0.1811	-0.1001	204.3	16 484	38 592	Cm	%
6	435	33	565	80.69	-86.68	-17.31	88.4	0.1735	-0.0924	191.2	17 488	45 627		%
10	450	33	566	80.99	-110.3	13.71	111.15	0.1612	-0.0768	172.9	19 498	-1 498c		%
12	460	33	568	81.45	-119.36	34.48	124.25	0.1568	-0.0665	163.8	21 507	-1 507c		%
13	465	33	569	81.92	-121.61	45.97	130.01	0.1559	-0.0609	159.2	22 514	-1 514c		%
14	470	34	571	82.66	-120.77	57.74	133.86	0.1568	-0.0553	154.4	24 522	-1 522c		%
14	475	35	575	84.24	-115.44	60.46	130.32	0.1605	-0.0544	152.3	25 525	-1 525c	Gm	%
16	480	36	581	86.11	-105.73	83.03	134.43	0.1664	-0.0442	141.8	27 538	-1 538c		%
17	485	39	595	90.19	-81.64	98.55	127.97	0.18	-0.0386	129.6	29 549	-1 549c		%
18	490	-1	490c	97.85	-20.19	119.57	121.26	0.21	-0.0327	99.5	33 568	11 459	max	%
19	495	-1	495c	97.3	-17.91	125.92	127.19	0.211	-0.0297	98.0	33 568	12 461		%
19	500	-1	499c	97.3	-17.91	125.92	127.19	0.211	-0.0297	98.0	33 568	12 461		%
22	510	-1	510c	94.63	-6.64	140.85	141.01	0.216	-0.0218	92.7	34 571	13 469		%
24	520	-1	520c	91.75	4.59	146.03	146.1	0.2212	-0.0178	88.1	34 574	14 473	Ym	%
26	530	-1	530c	88.02	17.68	145.85	146.92	0.2277	-0.0145	83.0	35 577	15 477		%
28	540	-1	540c	83.56	31.64	141.2	144.7	0.2352	-0.0119	77.3	36 581	15 479		%
29	545	-1	545c	81.07	38.69	137.72	143.05	0.2393	-0.0109	74.3	36 583	16 480		%
29	550	-1	549c	81.07	38.69	137.72	143.05	0.2393	-0.0109	74.3	36 583	16 480		%
30	555	-1	554c	78.42	45.65	133.68	141.26	0.2436	-0.0102	71.1	37 585	16 482		%
32	560	-1	560c	72.66	58.88	124.34	137.58	0.2528	-0.0092	64.6	38 590	16 483		%
380	770	100.0	0.0	0.0	0.0	0.0	0.2191	-0.0837	0.0					%

Ostwald-Optimalfarben (o) von maximalem (m) C _{AB} für E00, Y _w =100, Y _m =770_520, CIELAB komplementär%														
i ₁ , λ ₁	i ₂ , λ ₂	L*100	a*100	b*100	C*ab	a'	b'	h _{ab}	i _d , λ _d	i _c , λ _c	Code	%	%	
32	564	1	405	71.27	62.52	98.78	116.91	0.2555	-0.0287	57.6	38 592	16 484	Rm	%
33	565	6	435	70.93	71.83	28.95	77.45	0.2611	-0.0675	21.9	45 627	17 488		%
33	566	10	450	70.56	84.55	-14.4	85.77	0.2687	-0.0918	350.3	-1 498c	19 498		%
33	568	12	460	69.98	90.17	-29.54	94.89	0.2724	-0.1004	341.8	-1 507c	21 507		%
33	569	13	465	69.37	92.89	-35.98	99.61	0.2744	-0.1042	338.8	-1 514c	22 514		%
34	571	14	470	68.37	95.44	-41.93	104.24	0.2766	-0.1079	336.2	-1 522c	24 522		%
35	575	14	475	66.11	99.55	-45.82	109.59	0.2807	-0.1108	335.2	-1 525c	25 525	Mm	%
36	581	16	480	63.17	102.89	-56.56	117.41	0.2851	-0.1184	331.2	-1 538c	27 538		%
39	595	17	485	55.38	108.0	-71.77	129.67	0.296	-0.1326	326.3	-1 549c	29 549		%
-1	490c	18	490	28.02	85.37	-120.26	147.48	0.3177	-0.2165	305.3	11 459	33 568	min	%
-1	495c	19	495	31.41	71.03	-115.43	135.53	0.2953	-0.2021	301.6	12 461	33 568		%
-1	499c	19	500	31.41	71.03	-115.43	135.53	0.2953	-0.2021	301.6	12 461	33 568		%
-1	510c	22	510	43.16	21.12	-96.96	99.24	0.2372	-0.1634	282.2	13 469	34 571		%
-1	520c	24	520	51.68	-12.26	-82.78	83.68	0.2098	-0.1431	261.5	14 473	34 574	Bm	%
-1	530c	26	530	59.79	-39.13	-69.07	79.38	0.1928	-0.128	240.4	15 477	35 577		%
-1	540c	28	540	67.12	-57.58	-56.56	80.72	0.1838	-0.1168	224.4	15 479	36 581		%
-1	545c	29	545	70.46	-63.67	-50.83	81.48	0.1816	-0.1123	218.6	16 480	36 583		%
-1	549c	29	550	70.46	-63.67	-50.83	81.48	0.1816	-0.1123	218.6	16 480	36 583		%
-1	554c	30	555	73.6	-67.81	-45.45	81.64	0.1806	-0.1084	213.8	16 482	37 585		%
-1	560c	32	560	79.25	-70.77	-35.73	79.28	0.1813	-0.1019	206.7	16 483	38 590		%
380	770	100.0	0.0	0.0	0.0	0.0	0.2191	-0.0837	0.0					%

Ostwald-Optimalfarben (o) von maximalem (m) C _{AB} für E00, Y _{w,10} =100, Y _m =520_770, CIELAB-Daten														
i ₁ , λ ₁	i ₂ , λ ₂	L*100	a*100	b*100	C*ab	a'	b'	h _{ab}	i _d , λ _d	i _c , λ _c	Code	%	%	
1	405	31	559	79.43	-69.97	-33.95	77.77	0.1818	-0.101	205.8	15 477	37 589	Cm	%
7	435	32	561	79.66	-92.09	-9.07	92.53	0.1701	-0.0883	185.6	16 484	-1 484c		%
10	450	32	562	79.85	-108.58	17.48	109.98	0.1615	-0.0748	170.8	18 493	-1 493c		%
12	460	33	565	80.46	-114.73	39.56	121.36	0.1586	-0.0638	160.9	21 506	-1 506c		%
13	465	33	568	81.27	-113.49	52.13	124.89	0.1597	-0.0577	155.3	23 515	-1 515c		%
13	470	34	572	83.3	-106.48	55.62	120.14	0.1645	-0.0565	152.4	24 520	-1 520c		%
14	475	36	581	86.11	-93.97	71.54	118.1	0.1723	-0.0497	142.7	26 532	-1 532c	Gm	%
16	480	40	604	91.81	-55.72	101.41	115.71	0.1928	-0.038	118.7	30 551	-1 551c		%
17	485	-1	485c	96.74	-15.85	118.68	119.73	0.2119	-0.0326	97.6	32 564	11 456		%
18	490	-1	490c	96.1	-13.14	125.53	126.21	0.2131	-0.0293	95.9	32 564	11 458	max	%
19	495	-1	495c	95.33	-9.88	131.44	131.81	0.2145	-0.0263	94.3	33 565	12 460		%
20	500	-1	500c	94.43	-6.08	136.47	136.6	0.2162	-0.0236	92.5	33 566	12 462		%
22	510	-1	510c	92.16	3.03	143.93	143.96	0.2205	-0.019	88.7	33 569	13 466		%
23	520	-1	519c	90.77	8.29	146.41	146.64	0.223	-0.0169	86.7	34 570	13 468	Ym	%
25	530	-1	529c	87.45	19.7	146.61	147.93	0.2287	-0.013	82.3	34 573	14 470		%
27	540	-1	539c	83.46	31.82	142.58	146.09	0.2353	-0.0092	77.4	35 577	14 473		%
29	545	-1	545c	78.83	44.02	135.72	142.68	0.2426	-0.0052	72.0	36 582	15 475		%
29	550	-1	549c	78.83	44.02	135.72	142.68	0.2426	-0.0052	72.0	36 582	15 475		%
31	555	-1	555c	73.61	55.53	126.92	138.53	0.2505	0.0	66.3	37 587	15 476		%
32	560	3	415	70.87	63.43	69.32	93.97	0.2562	-0.0449	47.5	39 595	15 478		%
380	770	100.0	0.0	0.0	0.0	0.0	0.219	-0.0837	0.0					%

Ostwald-Optimalfarben (o) von maximalem (m) C _{AB} für E00, Y _{w,10} =100, Y _m =770_520, CIELAB komplementär%														
i ₁ , λ ₁	i ₂ , λ ₂	L*100	a*100	b*100	C*ab	a'	b'	h _{ab}	i _d , λ _d	i _c , λ _c	Code	%	%	
31	559	1	405	72.45	58.84	95.98	112.58	0.2529	-0.0309	58.4	37 589	15 477	Rm	%
32	561	7	435	72.18	71.63	12.24	72.67	0.2603	-0.077	9.6	-1 484c	16 484		%
32	562	10	450	71.95	79.98	-16.73	81.72	0.2653	-0.093	348.1	-1 493c	18 493		%
33	565	12	460	71.21	84.68	-30.98	90.17	0.2684	-0.101	339.9	-1 506c	21 506		%
33	568	13	465	70.2	86.97	-37.58	94.74	0.2703	-0.1049	336.6	-1 515c	23 515		%
34	572	13	470	67.48	91.21	-42.27	100.53	0.2746	-0.1083	335.1	-1 520c	24 520		%
36	581	14	475	63.17	95.86	-53.49	109.78	0.2806	-0.1165	330.8	-1 532c	26 532	Mm	%
40	604	16	480	51.52	92.9	-78.43	121.58	0.289	-0.1402	319.8	-1 551c	30 551		%
-1	485c	17	485	34.38	59.2	-109.46	124.44	0.2788	-0.1893	298.4	11 456	32 564		%
-1	490c	18	490	37.42	46.35	-105.27	115.03	0.2632	-0.1795	293.7	11 458	32 564	min	%
-1	495c	19	495	40.57	32.86	-100.6	105.83	0.2486	-0.1701	288.0	12 460	33 565		%
-1	500c	20	500	43.84	19.01	-95.52	97.39	0.2352	-0.1613	281.2	12 462	33 566		%
-1	510c	22	510	50.61	-8.3	-84.51	84.92	0.2127	-0.1454	264.3	13 466	33 569		%
-1	519c	23	520	54.06	-21.03	-78.76	81.52	0.2038	-0.1383	255.0	13 468	34 570	Bm	%
-1	529c	25	530	60.84	-42.55	-67.32	79.65	0.1909	-0.1263	237.7	14 470	34 573		%
-1	539c	27	540	67.25</										

Ostwald-Optimalfarben (o) von maximalem (m) CAB für E00, Yw=100, Ym=520_770, CIELAB-Daten %

i1, λ1	i2, λ2	L*100	a*100	b*100	C*ab	a'	b'	hab	id, λd	ic, λc	Code	%
1 405	32 564	80.42	-71.93	-32.6	78.97	0.1811	-0.1001	204.3	16 484	38 592	Cm	%
6 435	33 565	80.69	-86.68	-17.31	88.4	0.1735	-0.0924	191.2	17 488	45 627		%
10 450	33 566	80.99	-110.3	13.71	111.15	0.1612	-0.0768	172.9	19 498	-1 498c		%
12 460	33 568	81.45	-119.36	34.48	124.25	0.1568	-0.0665	163.8	21 507	-1 507c		%
13 465	33 569	81.92	-121.61	45.97	130.01	0.1559	-0.0609	159.2	22 514	-1 514c		%
14 470	34 571	82.66	-120.77	57.74	133.86	0.1568	-0.0553	154.4	24 522	-1 522c		%
14 475	35 575	84.24	-115.44	60.46	130.32	0.1605	-0.0544	152.3	25 525	-1 525c	Gm	%
16 480	36 581	86.11	-105.73	83.03	134.43	0.1664	-0.0442	141.8	27 538	-1 538c		%
17 485	39 595	90.19	-81.64	98.55	127.97	0.18	-0.0386	129.6	29 549	-1 549c		%
18 490	-1 490c	97.85	-20.19	119.57	121.26	0.21	-0.0327	99.5	33 568	11 459	max	%
19 495	-1 495c	97.3	-17.91	125.92	127.19	0.211	-0.0297	98.0	33 568	12 461		%
19 500	-1 499c	97.3	-17.91	125.92	127.19	0.211	-0.0297	98.0	33 568	12 461		%
22 510	-1 510c	94.63	-6.64	140.85	141.01	0.216	-0.0218	92.7	34 571	13 469		%
24 520	-1 520c	91.75	4.59	146.03	146.1	0.2212	-0.0178	88.1	34 574	14 473	Ym	%
26 530	-1 530c	88.02	17.68	145.85	146.92	0.2277	-0.0145	83.0	35 577	15 477		%
28 540	-1 540c	83.56	31.64	141.2	144.7	0.2352	-0.0119	77.3	36 581	15 479		%
29 545	-1 545c	81.07	38.69	137.72	143.05	0.2393	-0.0109	74.3	36 583	16 480		%
29 550	-1 549c	81.07	38.69	137.72	143.05	0.2393	-0.0109	74.3	36 583	16 480		%
30 555	-1 554c	78.42	45.65	133.68	141.26	0.2436	-0.0102	71.1	37 585	16 482		%
32 560	-1 560c	72.66	58.88	124.34	137.58	0.2528	-0.0092	64.6	38 590	16 483		%
380	770	100.0	0.0	0.0	0.0	0.2191	-0.0837	0.0				%

Ostwald-Optimalfarben (o) von maximalem (m) CAB für E00, Yw,10=100, Ym=520_770, CIELAB-Daten %

i1, λ1	i2, λ2	L*100	a*100	b*100	C*ab	a'	b'	hab	id, λd	ic, λc	Code	%
1 405	31 559	79.43	-69.97	-33.95	77.77	0.1818	-0.101	205.8	15 477	37 589	Cm	%
7 435	32 561	79.66	-92.09	-9.07	92.53	0.1701	-0.0883	185.6	16 484	-1 484c		%
10 450	32 562	79.85	-108.58	17.48	109.98	0.1615	-0.0748	170.8	18 493	-1 493c		%
12 460	33 565	80.46	-114.73	39.56	121.36	0.1586	-0.0638	160.9	21 506	-1 506c		%
13 465	33 568	81.27	-113.49	52.13	124.89	0.1597	-0.0577	155.3	23 515	-1 515c		%
13 470	34 572	83.3	-106.48	55.62	120.14	0.1645	-0.0565	152.4	24 520	-1 520c		%
14 475	36 581	86.11	-93.97	71.54	118.1	0.1723	-0.0497	142.7	26 532	-1 532c	Gm	%
16 480	40 604	91.81	-55.72	101.41	115.71	0.1928	-0.038	118.7	30 551	-1 551c		%
17 485	-1 485c	96.74	-15.85	118.68	119.73	0.2119	-0.0326	97.6	32 564	11 456		%
18 490	-1 490c	96.1	-13.14	125.53	126.21	0.2131	-0.0293	95.9	32 564	11 458	max	%
19 495	-1 495c	95.33	-9.88	131.44	131.81	0.2145	-0.0263	94.3	33 565	12 460		%
20 500	-1 500c	94.43	-6.08	136.47	136.6	0.2162	-0.0236	92.5	33 566	12 462		%
22 510	-1 510c	92.16	3.03	143.93	143.96	0.2205	-0.019	88.7	33 569	13 466		%
23 520	-1 519c	90.77	8.29	146.41	146.64	0.223	-0.0169	86.7	34 570	13 468	Ym	%
25 530	-1 529c	87.45	19.7	146.61	147.93	0.2287	-0.013	82.3	34 573	14 470		%
27 540	-1 539c	83.46	31.82	142.58	146.09	0.2353	-0.0092	77.4	35 577	14 473		%
29 545	-1 545c	78.83	44.02	135.72	142.68	0.2426	-0.0052	72.0	36 582	15 475		%
29 550	-1 549c	78.83	44.02	135.72	142.68	0.2426	-0.0052	72.0	36 582	15 475		%
31 555	-1 555c	73.61	55.53	126.92	138.53	0.2505	0.0	66.3	37 587	15 476		%
32 560	3 415	70.87	63.43	69.32	93.97	0.2562	-0.0449	47.5	39 595	15 478		%
380	770	100.0	0.0	0.0	0.0	0.219	-0.0837	0.0				%

rgb*_{cab} und CIE-Daten eines Elementar-Buntonkreises nach CIE R1-47 für Ostwald-Farben für CIE-Lichtart E00
Yxy, abc_{AB}, ABC_{AB}, LabC*_{ab}h_{ab}-Daten für relative Stufung des Elementarbuntons h_{ab} von CIELAB für CIE-2-Grad Beobachter
Elementar-Buntonkreis mit 4 Ziel-Elementar-Buntonwinkeln: h_{ab} = 27.9, 91.3, 162.9, 267.6 von CIELAB und 16 Ziel-Buntonwinkeln:
27.9 43.8 59.6 75.5 91.3 109.2 127.1 145.0 162.9 189.1 215.3 241.4 267.6 297.7 327.8 357.8
CIELAB-Daten CIE-Testfarben 9 (R): 41.9 59.0 31.3, 10 (Y): 81.8 -1.7 73.1, 11 (G): 51.5 -41.4 12.6, 12 (B): 29.4 -1.9 -46.6

no _{ab}	Y	x	y	a	b	C _{AB}	h _{AB}	L*	a*	b*	C* _{ab}	h _{ab}	rgb* _{cab}	Code _{ab}					
000	42.1	0.546	0.327	1.671	-0.154	0.714	28.2	10.3	30.1	20.0	70.9	69.9	40.7	80.9	30.2	1.00	0.00	0.00	% R00Y #
001	42.2	0.588	0.362	1.621	-0.054	0.711	26.2	14.6	30.0	20.1	71.0	65.5	73.0	98.1	48.0	1.00	0.25	0.00	% R25Y #
002	42.7	0.606	0.385	1.574	-0.008	0.695	24.5	16.7	29.7	34.2	71.4	61.5	109.3	125.5	60.6	1.00	0.50	0.00	% R50Y #
003	59.9	0.561	0.437	1.284	0.0	0.49	17.0	23.9	29.3	54.4	81.7	36.7	138.8	143.6	75.1	1.00	0.75	0.00	% R75Y #
004	84.9	0.499	0.501	0.978	-0.005	0.394	-1.8	33.4	33.5	93.1	93.8	-3.4	143.1	143.2	91.3	1.00	1.00	0.00	% Y00G #
005	89.3	0.421	0.54	0.78	-0.027	0.332	-19.6	33.2	38.5	120.5	95.7	-38.2	113.4	119.6	108.6	0.75	1.00	0.00	% Y25G #
006	78.1	0.345	0.597	0.578	-0.037	0.555	-32.9	28.3	43.4	139.2	90.8	-76.7	100.3	126.3	127.3	0.50	1.00	0.00	% Y50G #
007	66.7	0.262	0.623	0.419	-0.073	0.665	-38.7	21.8	44.4	150.5	85.4	-109.7	75.6	133.3	145.4	0.25	1.00	0.00	% Y75G #
008	59.4	0.198	0.544	0.363	-0.188	0.67	-37.8	12.5	39.8	161.6	81.5	-120.2	37.2	125.8	162.8	0.50	1.00	0.00	% G00B #
009	57.9	0.175	0.362	0.484	-0.509	0.526	-29.8	-6.3	30.5	191.9	80.7	-89.4	-13.9	90.5	188.8	0.00	1.00	0.50	% G25B #
010	44.1	0.147	0.261	0.562	-0.904	0.668	-19.3	-22.2	29.4	229.1	72.3	-66.4	-47.6	61.7	215.6	0.00	1.00	1.00	% G50B #
011	27.4	0.129	0.188	0.688	-1.449	1.095	-8.5	-28.8	30.0	253.4	59.4	-38.0	-69.7	79.4	241.3	0.00	0.50	1.00	% G75B #
012	7.8	0.128	0.133	0.962	-2.216	1.817	-0.6	-32.4	32.4	268.8	49.3	-3.5	-86.7	86.8	267.6	0.00	0.00	1.00	% B00R #
013	17.6	0.138	0.063	1.275	-5.013	4.761	9.0	-35.4	36.5	284.2	33.3	62.8	-112.4	128.8	299.2	0.50	0.00	1.00	% B25R #
014	27.0	0.35	0.147	2.374	-1.36	1.676	37.1	-25.9	45.3	325.0	59.0	108.0	-65.1	126.1	328.9	1.00	0.00	1.00	% B50R #
015	41.7	0.458	0.253	1.81	-0.455	0.812	33.8	-2.2	33.8	356.1	70.6	81.7	-6.5	82.0	355.4	1.00	0.00	0.50	% B75R #
016	42.1	0.546	0.327	1.671	-0.154	0.714	28.2	10.3	30.1	20.0	70.9	69.9	40.7	80.9	30.2	1.00	0.00	0.00	% R00Y #

rgb*_{cab} und CIE-Daten eines Elementar-Buntonkreises nach CIE R1-47 für Ostwald-Farben für CIE-Lichtart E00
Yxy, abc_{AB}, ABC_{AB}, LabC*_{ab}h_{ab}-Daten für relative Stufung des Elementarbuntons h_{ab} von CIELAB für CIE-10-Grad Beobachter
Elementar-Buntonkreis mit 4 Ziel-Elementar-Buntonwinkeln: h_{ab} = 28.5, 87.1, 159.6, 249.7 von CIELAB und 16 Ziel-Buntonwinkeln:
28.5 43.1 57.8 72.5 87.1 105.2 123.3 141.5 159.6 182.1 204.6 227.2 249.7 284.4 319.1 353.8
CIELAB-Daten CIE-Testfarben 9 (R): 41.2 54.3 29.5, 10 (Y): 80.2 3.6 72.6, 11 (G): 51.6 -38.8 14.4, 12 (B): 32.4 -14.8 -40.3

no _{ab}	Y	x	y	a	b	C _{AB,10}	h _{AB,10}	L*	a*	b*	C* _{ab,10}	h _{ab,10}	rgb* _{cab,10}	Code _{ab,10}					
000	44.2	0.548	0.339	1.615	-0.131	0.671	27.2	11.8	29.6	23.5	72.3	66.0	47.1	81.1	35.5	1.00	0.00	0.00	% R00Y #
001	44.3	0.58	0.369	1.571	-0.054	0.667	25.3	15.3	29.6	31.1	72.4	62.0	73.8	96.4	49.9	1.00	0.25	0.00	% R25Y #
002	43.5	0.598	0.385	1.554	-0.016	0.674	24.1	16.7	29.3	34.6	71.9	60.0	98.9	115.7	58.7	1.00	0.50	0.00	% R50Y #
003	55.1	0.574	0.425	1.35	0.0	0.532	19.3	22.0	29.3	48.7	79.1	43.2	136.1	142.8	72.3	1.00	0.75	0.00	% R75Y #
004	78.7	0.509	0.486	1.046	-0.003	0.399	3.6	31.2	31.4	83.2	91.1	7.0	146.1	146.3	87.2	1.00	1.00	0.00	% Y00G #
005	88.4	0.438	0.525	0.834	-0.027	0.408	-14.6	32.9	36.0	113.8	95.3	-28.0	113.7	117.1	103.8	0.75	1.00	0.00	% Y25G #
006	77.7	0.365	0.572	0.637	-0.043	0.507	-28.1	27.6	39.4	135.4	90.6	-63.9	95.8	115.2	123.7	0.50	1.00	0.00	% Y50G #
007	68.7	0.291	0.589	0.493	-0.08	0.598	-34.7	21.9	41.1	147.7	86.3	-92.4	72.9	117.7	141.7	0.25	1.00	0.00	% Y75G #
008	43.5	0.593	0.382	1.55	-0.025	0.666	23.9	16.3	29.0	34.2	71.9	59.7	91.0	108.8	56.7	1.00	0.00	0.00	% G00B #
009	43.3	0.592	0.38	1.555	-0.027	0.668	24.7	16.1	28.9	33.8	71.7	60.0	89.1	107.4	56.0	1.00	0.00	0.50	% G25B #
010	44.1	0.591	0.379	1.559	-0.03	0.67	24.1	15.9	28.9	33.4	71.6	60.3	87.0	105.9	55.2	1.00	0.00	1.00	% G50B #
01																			