

see similar files: <http://130.149.60.45/~farbmetrik/VE42/VE42.HTM>
technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

TUB registration: 20130201-VE42/VE42L0NA.TXT /PS
application for measurement of display output, no separation

TUB material: code=rha4ta

Ostwald optimal colours (o) of maximum (m) C _{AB} for D65, Y _w =100, Y _m =520_770, CIELAB data															%
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				%
0 405	32 561	80.85	-67.55	-32.54	74.98	0.1805	-0.1029	205.7	16 483	37 589	Cm	%			%
6 435	32 562	81.18	-81.89	-19.25	84.12	0.1732	-0.096	193.2	17 486	42 610		%			%
10 450	32 563	81.52	-109.06	11.43	109.66	0.1595	-0.0803	174.0	19 496	-1 496c		%			%
12 460	33 565	82.01	-120.74	33.26	125.23	0.1538	-0.0692	164.5	21 505	-1 505c		%			%
12 465	33 567	82.73	-118.76	34.5	123.67	0.1552	-0.0687	163.8	21 506	-1 506c		%			%
14 470	33 569	83.3	-123.47	57.53	136.22	0.1532	-0.0572	155.0	24 520	-1 520c		%			%
15 475	34 573	84.63	-118.73	70.39	138.03	0.1564	-0.0512	149.3	25 528	-1 528c	Gm	%			%
16 480	36 580	86.98	-107.21	84.2	136.33	0.1633	-0.0452	141.8	27 537	-1 537c		%			%
17 485	39 595	91.12	-80.53	100.07	128.45	0.1778	-0.0394	128.8	29 548	-1 548c		%			%
18 490	-1 490c	97.55	-23.15	119.05	121.28	0.2052	-0.0337	101.0	33 565	11 459	max	%			%
19 495	-1 495c	96.94	-20.63	125.42	127.1	0.2062	-0.0306	99.3	33 566	12 462		%			%
20 500	-1 500c	96.17	-17.33	131.15	132.29	0.2076	-0.0277	97.5	33 567	12 464		%			%
22 510	-1 510c	94.0	-8.24	140.17	140.41	0.2116	-0.0224	93.3	33 569	13 469		%			%
23 520	-1 519c	92.57	-2.53	142.99	143.01	0.2142	-0.0202	91.0	34 570	14 471	Ym	%			%
25 530	-1 529c	88.94	10.79	144.39	144.79	0.2205	-0.0165	85.7	34 573	15 475		%			%
27 540	-1 539c	84.43	25.54	141.4	143.69	0.2281	-0.0134	79.7	35 577	15 478		%			%
28 545	-1 544c	81.91	33.05	138.34	142.24	0.2322	-0.0121	76.5	35 579	15 479		%			%
29 550	-1 549c	79.2	40.58	134.51	140.5	0.2367	-0.0111	73.2	36 582	16 480		%			%
30 555	-1 554c	76.32	47.96	130.1	138.66	0.2413	-0.0103	69.7	36 584	16 481		%			%
32 560	-1 560c	70.18	61.63	120.13	135.02	0.2511	-0.0093	62.8	37 589	16 483		%			%
380	770	100.0	0.0	0.0	0.0	0.2154	-0.0861	0.0				%			%

Ostwald optimal colours (o) of maximum (m) C _{AB} for D65, Y _w =100, Y _m =770_520, CIELAB complementary															%
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				%
32 561	0 405	70.73	60.88	110.08	125.79	0.2505	-0.022	61.0	37 589	16 483	Rm	%			%
32 562	6 435	70.32	70.58	34.83	78.71	0.2562	-0.0659	26.2	42 610	17 486		%			%
32 563	10 450	69.88	85.85	-12.65	86.78	0.2653	-0.0935	351.6	-1 496c	19 496		%			%
33 565	12 460	69.24	92.89	-29.55	97.48	0.2698	-0.1035	342.3	-1 505c	21 505		%			%
33 567	12 465	68.27	94.84	-31.22	99.85	0.2716	-0.1046	341.7	-1 506c	21 506		%			%
33 569	14 470	67.49	99.24	-42.98	108.15	0.2748	-0.1119	336.5	-1 520c	24 520		%			%
34 573	15 475	65.52	102.87	-49.85	114.31	0.2784	-0.1167	334.1	-1 528c	25 528	Mm	%			%
36 580	16 480	61.69	107.96	-59.02	123.05	0.2848	-0.1241	331.3	-1 537c	27 537		%			%
39 595	17 485	53.22	112.99	-75.47	135.88	0.297	-0.1406	326.2	-1 548c	29 548		%			%
-1 490c	18 490	29.91	89.01	-117.0	147.01	0.3124	-0.2136	307.2	11 459	33 565	min	%			%
-1 495c	19 495	33.36	74.42	-112.09	134.55	0.2908	-0.1997	303.5	12 462	33 566		%			%
-1 500c	20 500	37.09	58.44	-106.44	121.43	0.2704	-0.1864	298.7	12 464	33 567		%			%
-1 510c	22 510	45.26	23.9	-93.37	96.38	0.2349	-0.1623	284.3	13 469	33 569		%			%
-1 519c	23 520	49.52	6.76	-86.32	86.58	0.2205	-0.152	274.4	14 471	34 570	Bm	%			%
-1 529c	25 530	58.0	-23.98	-72.06	75.95	0.1992	-0.1348	251.5	15 475	34 573		%			%
-1 539c	27 540	65.83	-46.7	-58.75	75.05	0.1868	-0.122	231.5	15 478	35 577		%			%
-1 544c	28 545	69.38	-54.68	-52.68	75.93	0.1833	-0.117	223.9	15 479	35 579		%			%
-1 549c	29 550	72.72	-60.59	-46.95	76.65	0.1812	-0.1126	217.7	16 480	36 582		%			%
-1 554c	30 555	75.82	-64.5	-41.62	76.77	0.1803	-0.1088	212.8	16 481	36 584		%			%
-1 560c	32 560	81.29	-66.96	-32.22	74.32	0.181	-0.1027	205.6	16 483	37 589		%			%
380	770	100.0	0.0	0.0	0.0	0.2154	-0.0861	0.0				%			%

Ostwald optimal colours (o) of maximum (m) C _{AB} for D65, Y _w ,10=100, Y _m =520_770, CIELAB data															%
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				%
0 405	31 556	79.94	-66.31	-34.08	74.56	0.1807	-0.1034	207.2	15 476	37 585	Cm	%			%
6 435	31 557	80.42	-82.6	-17.8	84.5	0.1724	-0.0949	192.1	16 480	44 621		%			%
10 450	31 559	80.48	-108.29	14.97	109.32	0.1591	-0.078	172.1	18 491	-1 491c		%			%
11 460	32 562	81.44	-111.37	27.39	114.69	0.1581	-0.0717	166.1	19 498	-1 498c		%			%
12 465	33 565	82.34	-112.77	40.26	119.75	0.1579	-0.0653	160.3	21 506	-1 506c		%			%
14 470	34 570	83.48	-109.79	65.41	127.8	0.1601	-0.053	149.2	24 522	-1 522c		%			%
15 475	35 579	86.33	-94.64	81.3	124.77	0.169	-0.0462	139.3	26 533	-1 533c	Gm	%			%
16 480	41 606	92.55	-53.33	102.14	115.22	0.1907	-0.0389	117.5	30 550	-1 550c		%			%
16 485	-1 484c	96.94	-20.21	109.71	111.55	0.2063	-0.0374	100.4	32 560	10 454		%			%
18 490	-1 490c	95.61	-14.83	124.45	125.34	0.2086	-0.0302	96.7	32 562	11 459	max	%			%
19 495	-1 495c	94.76	-11.22	130.34	130.82	0.2101	-0.0271	94.9	32 563	12 461		%			%
19 500	-1 499c	94.76	-11.22	130.34	130.82	0.2101	-0.0271	94.9	32 563	12 461		%			%
22 510	-1 510c	91.28	2.92	142.55	142.58	0.2166	-0.0195	88.8	33 567	13 466		%			%
23 520	-1 519c	89.77	8.54	144.07	144.32	0.2192	-0.0174	86.6	33 568	13 468	Ym	%			%
26 530	-1 530c	84.06	27.32	142.33	144.93	0.2288	-0.0115	79.1	34 573	14 472		%			%
27 540	-1 539c	81.79	33.86	139.63	143.68	0.2325	-0.0095	76.3	35 576	14 473		%			%
28 545	-1 544c	79.35	40.37	136.19	142.05	0.2363	-0.0075	73.4	35 578	14 474		%			%
29 550	-1 549c	76.75	46.79	132.12	140.16	0.2404	-0.0054	70.4	36 580	15 475		%			%
31 555	-1 555c	71.13	58.79	122.64	136.0	0.2489	0.0	64.3	37 586	15 476		%			%
32 560	10 451	69.5	84.42	-15.9	85.9	0.2645	-0.095	349.3	-1 492c	18 492		%			%
380	770	100.0	0.0	0.0	0.0	0.2152	-0.0857	0.0				%			%

Ostwald optimal colours (o) of maximum (m) C _{AB} for D65, Y _{w,10} =100, Y _m =770_520, CIELAB complementary															%
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				%
31 556	0 405	71.84	57.81	111.35	125.47	0.2481	-0.0221	62.5	37 585	15 476	Rm				%
31 557	6 435	71.27	68.77	29.56	74.85	0.2546	-0.0689	23.2	44 621	16 480					%
31 559	10 450	71.19	81.9	-15.15	83.29	0.2621	-0.0944	349.5	-1 491c	18 491					%
32 562	11 460	69.98	86.63	-25.22	90.23	0.2655	-0.1003	343.7	-1 498c	19 498					%
33 565	12 465	68.81	90.56	-33.85	96.68	0.2685	-0.1056	339.5	-1 506c	21 506					%
34 570	14 470	67.22	93.6	-46.01	104.3	0.2714	-0.1132	333.8	-1 522c	24 522					%
35 579	15 475	62.81	97.27	-56.68	112.58	0.2768	-0.1215	329.7	-1 533c	26 533	Mm				%
41 606	16 480	49.57	94.8	-81.7	125.15	0.2874	-0.1477	319.2	-1 550c	30 550					%
-1 484c	16 485	33.36	73.3	-109.63	131.88	0.2894	-0.1962	303.7	10 454	32 560					%
-1 490c	18 490	39.48	47.93	-101.69	112.42	0.2584	-0.1769	295.2	11 459	32 562	min				%
-1 495c	19 495	42.69	34.2	-96.93	102.79	0.2443	-0.1679	289.4	12 461	32 563					%
-1 499c	19 500	42.69	34.2	-96.93	102.79	0.2443	-0.1679	289.4	12 461	32 563					%
-1 510c	22 510	52.84	-7.33	-80.67	81.0	0.2099	-0.144	264.8	13 466	33 567					%
-1 519c	23 520	56.28	-19.89	-74.95	77.55	0.2014	-0.1373	255.1	13 468	33 568	Bm				%
-1 530c	26 530	66.39	-49.47	-57.84	76.11	0.1852	-0.1206	229.4	14 472	34 573					%
-1 539c	27 540	69.54	-55.96	-52.46	76.71	0.1825	-0.1162	223.1	14 473	35 576					%
-1 544c	28 545	72.53	-60.74	-47.32	77.0	0.1809	-0.1123	217.9	14 474	35 578					%
-1 549c	29 550	75.38	-63.87	-42.44	76.68	0.1803	-0.1088	213.6	15 475	36 580					%
-1 555c	31 555	80.53	-65.58	-33.56	73.67	0.1813	-0.103	207.1	15 476	37 586					%
10 451	32 560	81.82	-103.91	14.76	104.95	0.1621	-0.0782	171.9	18 492	-1 492c					%
380	770	100.0	0.0	0.0	0.0	0.2152	-0.0857	0.0							%

http://130.149.60.45/~farbmeterik/VE42/VE42L0NA.TXT /PS; transfer output

N: no 3D-linearization (OL) in file (F) or PS-startup (S), page 3/5

rgb^*_{cab} and CIE data of a elementary hue circle according to CIE R1-47 for Ostwald colours for CIE illuminant D65

$Yxy, abc_{AB}, ABC_{AB}, LabC^*_{ab}, h_{ab}$ data for relative spacing of elementary hue h_{ab} of CIELAB for CIE 2 degree observer

Elementary hue circle with 4 intended elementary hue angles: $h_{ab} = 25.6, 92.4, 162.1, 271.5$ of CIELAB, and 90 intended hue angles:

090, 091, ..., 179, CIELAB data of CIE test colours 9 (R): 40.0 58.9 28.3, 10 (Y): 81.3 -30.0 71.8, 11 (G): 52.2 -49.2 13.6, 12 (B): 30.5 1.2 -46.3

no-ab _Y	x	y	a	b	C _{AB}	A	B	C _{AB}	h _{AB}	L*	a*	b*	C* _{ab}	h _{ab}	rgb* _{cab}	Code _{ab}	no-ab _Y		
090	80.7	0.483	0.509	0.948	-0.085	0.43	-0.1	34.7	34.7	90.3	92.0	-0.3	143.4	143.4	90.1	1.00	0.96	0.00	% R99Y
091	81.9	0.479	0.512	0.935	-0.085	0.43	-0.1	35.2	35.2	92.0	92.0	-2.5	143.0	143.0	91.0	1.00	0.97	0.00	% R97Y
092	83.5	0.474	0.516	0.919	-0.086	0.43	-0.1	35.8	35.9	94.1	93.2	-5.2	142.2	142.3	92.1	1.00	0.99	0.00	% R99Y
093	84.8	0.47	0.519	0.906	-0.087	0.43	-0.3	36.3	36.3	95.8	93.8	-7.4	140.8	141.0	93.0	0.99	1.00	0.00	% Y06B
094	86.0	0.466	0.522	0.893	-0.088	0.43	-0.8	36.7	37.0	97.5	94.0	-9.6	138.9	139.2	93.9	0.97	1.00	0.00	% Y026
095	87.3	0.462	0.524	0.881	-0.089	0.431	-0.7	37.1	37.6	99.7	95.4	-12.7	136.8	137.3	96.0	0.94	1.00	0.00	% Y06B
096	88.5	0.457	0.526	0.868	-0.091	0.431	-7.2	37.5	38.0	100.9	95.4	-14.1	134.5	135.3	96.0	0.94	1.00	0.00	% Y056
097	89.8	0.453	0.528	0.857	-0.093	0.432	-8.3	37.9	38.8	102.4	95.9	-16.3	132.3	133.3	97.0	0.93	1.00	0.00	% Y066
098	91.1	0.448	0.53	0.845	-0.0915	0.432	-9.5	38.2	39.4	104.0	96.4	-18.5	129.5	130.8	98.1	0.91	1.00	0.00	% Y086
099	92.0	0.444	0.535	0.836	-0.0918	0.432	-9.4	38.8	39.7	105.2	96.8	-20.2	126.4	128.0	99.0	0.9	1.00	0.00	% Y096
100	93.3	0.445	0.538	0.846	-0.0921	0.432	-9.5	38.8	39.8	106.9	97.0	-22.6	124.5	126.6	100.0	0.89	1.00	0.00	% Y096
101	93.8	0.435	0.529	0.822	-0.0926	0.429	-12.0	38.4	40.2	107.3	97.5	-23.0	119.1	121.3	100.9	0.87	1.00	0.00	% Y126
102	93.4	0.432	0.532	0.813	-0.0926	0.431	-12.8	38.2	40.2	108.5	97.3	-24.7	118.5	121.1	101.0	0.86	1.00	0.00	% Y136
103	92.9	0.429	0.534	0.804	-0.0927	0.434	-13.6	37.9	40.3	109.7	97.2	-26.4	117.9	120.8	102.6	0.84	1.00	0.00	% Y156
104	92.5	0.426	0.536	0.794	-0.0927	0.436	-14.7	37.7	40.4	111.8	97.0	-28.2	117.9	120.8	102.6	0.84	1.00	0.00	% Y156
105	92.0	0.423	0.539	0.785	-0.0927	0.444	-15.2	37.5	40.5	112.0	96.8	-30.8	116.7	120.5	104.4	0.81	1.00	0.00	% Y186
106	91.5	0.419	0.541	0.775	-0.0928	0.443	-16.0	37.2	40.6	113.2	96.6	-31.8	116.1	120.4	105.3	0.8	1.00	0.00	% Y196
107	91.0	0.416	0.544	0.765	-0.0928	0.447	-16.8	37.0	40.7	114.4	96.4	-33.8	115.4	120.3	106.3	0.79	1.00	0.00	% Y206
108	90.5	0.412	0.547	0.754	-0.0929	0.451	-17.4	36.8	40.8	115.7	96.2	-35.7	114.8	120.2	107.3	0.77	1.00	0.00	% Y226
109	84.3	0.368	0.58	0.681	-0.03	0.515	-19.9	36.5	40.9	115.7	96.2	-35.7	114.8	120.2	107.3	0.77	1.00	0.00	% Y226
110	89.5	0.405	0.552	0.732	-0.03	0.459	-19.7	36.2	41.1	118.1	95.8	-39.8	113.5	120.3	109.3	0.74	1.00	0.00	% Y256
111	88.9	0.401	0.555	0.722	-0.03	0.464	-20.2	36.0	41.3	119.3	95.5	-41.9	112.8	120.4	110.3	0.73	1.00	0.00	% Y266
112	88.4	0.397	0.558	0.712	-0.031	0.469	-21.0	35.7	41.5	120.5	95.3	-44.0	112.1	120.5	111.4	0.71	1.00	0.00	% Y286
113	87.8	0.393	0.561	0.701	-0.031	0.474	-21.9	35.4	41.6	121.6	95.1	-46.1	111.5	120.6	112.4	0.7	1.00	0.00	% Y296
114	87.2	0.389	0.564	0.69	-0.032	0.48	-22.7	35.2	41.8	122.8	94.8	-48.3	110.8	120.8	113.5	0.69	1.00	0.00	% Y296
115	86.7	0.385	0.567	0.679	-0.032	0.485	-23.5	34.9	42.1	123.9	94.6	-50.5	110.1	121.1	114.6	0.67	1.00	0.00	% Y326
116	86.1	0.381	0.57	0.668	-0.033	0.491	-24.3	34.6	42.3	125.0	94.3	-52.7	109.3	121.1	115.7	0.66	1.00	0.00	% Y336
117	85.5	0.377	0.573	0.657	-0.034	0.497	-25.0	34.3	42.5	126.1	94.1	-54.9	108.6	121.2	116.8	0.64	1.00	0.00	% Y356
118	84.9	0.372	0.577	0.646	-0.034	0.503	-25.7	34.0	42.7	127.1	93.6	-57.1	107.9	121.2	117.8	0.63	1.00	0.00	% Y356
119	84.3	0.368	0.58	0.635	-0.035	0.509	-26.5	33.7	42.9	128.2	93.6	-59.3	107.2	122.5	118.9	0.61	1.00	0.00	% Y386
120	83.8	0.364	0.583	0.625	-0.035	0.515	-27.2	33.4	43.2	129.2	93.3	-61.5	106.5	122.3	120.0	0.6	1.00	0.00	% Y396
121	83.2	0.359	0.586	0.613	-0.036	0.522	-28.0	33.2	43.4	130.3	93.1	-63.8	105.7	123.5	121.1	0.59	1.00	0.00	% Y406
122	82.6	0.355	0.589	0.603	-0.037	0.528	-28.7	32.9	43.6	131.3	92.8	-66.0	105.0	124.0	122.1	0.57	1.00	0.00	% Y426
123	82.0	0.351	0.592	0.592	-0.037	0.535	-29.3	32.6	43.9	132.3	92.5	-68.2	104.3	124.1	123.1	0.56	1.00	0.00	% Y426
124	81.4	0.346	0.595	0.582	-0.038	0.541	-30.0	32.3	44.1	133.3	92.2	-70.3	103.5	125.1	124.1	0.54	1.00	0.00	% Y456
125	80.8	0.342	0.598	0.572	-0.039	0.548	-30.6	32.3	44.1	133.3	92.0	-72.5	102.6	125.2	125.1	0.53	1.00	0.00	% Y466
126	80.3	0.338	0.601	0.561	-0.039	0.554	-31.2	32.1	44.5	134.4	91.8	-74.6	102.1	126.5	126.1	0.51	1.00	0.00	% Y486
127	79.7	0.333	0.604	0.552	-0.04	0.561	-31.7	31.5	44.7	135.2	91.5	-76.7	101.7	127.1	127.1	0.5	1.00	0.00	% Y496
128	79.2	0.329	0.607	0.542	-0.041	0.567	-32.2	31.2	44.9	136.3	91.3	-78.9	100.8	127.2	128.1	0.48	1.00	0.00	% Y516
129	78.6	0.325	0.61	0.532	-0.042	0.574	-32.8	30.9	45.1	137.4	91.0	-81.0	99.8	128.6	129.0	0.47	1.00	0.00	% Y526
130	77.7	0.318	0.614	0.519	-0.043	0.583	-33.5	30.4	45.3	137.7	90.6	-83.9	98.9	129.4	130.4	0.46	1.00	0.00	% Y536
131	76.9	0.312	0.617	0.506	-0.045	0.591	-34.1	30.1	45.4	138.6	90.2	-86.7	97.9	130.2	131.7	0.44	1.00	0.00	% Y556
132	76.1	0.307	0.62	0.494	-0.046	0.599	-34.6	29.6	45.6	139.5	89.9	-89.2	96.9	131.0	132.9	0.43	1.00	0.00	% Y556
133	75.3	0.301	0.623	0.483	-0.048	0.606	-35.2	29.2	45.7	140.2	89.5	-91.4	96.0	132.1	134.1	0.42	1.00	0.00	% Y556
134	74.5	0.295	0.625	0.473	-0.049	0.613	-35.5	28.8	45.7	141.0	89.2	-93.9	95.1	132.5	135.1	0.4	1.00	0.00	% Y596
135	73.9	0.291	0.627	0.464	-0.051	0.619	-35.9	28.4	45.8	141.6	88.9	-96.0	94.2	132.7	136.1	0.38	1.00	0.00	% Y616
136	73.3	0.286	0.629	0.455	-0.052	0.625	-36.2	28.0	45.8	142.2	88.5	-98.0	93.1	132.7	137.1	0.37	1.00	0.00	% Y626
137	72.6	0.282	0.631	0.447	-0.054	0.631	-36.7	27.6	45.8	142.8	88.2	-100.2	92.4	132.8	138.1	0.36	1.00	0.00	% Y626
138	72.0	0.278	0.634	0.439	-0.056	0.636	-36.8	27.3	45.8	143.4	87.9	-101.8	91.5	132.8	138.4	0.34	1.00	0.00	% Y656
139	71.4	0.274	0.637	0.431	-0.057	0.643	-37.0	26.9	45.8	144.0	87.6	-103.2	90.6	132.9	139.7	0.33	1.00	0.00	% Y666
140	70.9	0.27	0.634	0.425	-0.059	0.645	-37.2	26.6	45.7	144.3	87.4	-104.7	89.7	133.0	140.7	0.31	1.00	0.00	% Y686
141	70.3	0.266	0.635	0.419	-0.061	0.649	-37.3	26.3	45.7	144.8	87.1	-106.1	88.8	133.1	141.2	0.3	1.00	0.00	% Y696
142	69.8	0.262	0.635	0.413	-0.063	0.653	-37.4	25.9	45.6	145.3	86.9	-107.9	87.9	133.2	142.2	0.29	1.00	0.00	% Y696
143	69.0	0.256	0.636	0.405	-0.067	0.659	-37.7	25.4	45.5	146.0	86.5	-109.7	87.0	133.6	143.2	0.27	1.00	0.00	% Y726
144	68.3	0.251	0.636	0.395	-0.07	0.664	-37.9	24.9	45.4	146.7	86.1	-111.7	86.1	133.7	144.3	0.26	1.00	0.00	% Y736
145	67.6	0.246	0.635	0.387	-0.074	0.668	-38.0	24.4	45.2	147.3	85.8	-113.4	85.2	133.7	145.4	0.24	1.00	0.00	% Y756
146	67.0	0.241	0.634	0.38	-0.077	0.672	-38.1	23.9	45.1	147.8	85.5	-114.9	84.3	133.7	146.3	0.23	1.00	0.00	% Y766
147	66.4	0.237	0.632	0.375	-0.081	0.675	-38.2	23.5	44.8	148.4	85.2	-116.7	83.4	133.8	147.3	0.22	1.00	0.00	% Y766
148	65.9	0.233	0.631	0.37	-0.085	0.679	-38.2	23.2	44.6	148.9	84.9	-117.4	82.5	133.8	148.2	0.2	1.00	0.00	% Y796
149	65.4	0.229	0.628	0.365	-0.09	0.679	-38.2	22.6											

http://130.149.60.45/~farbmatrik/VE42/VE42LONA.TXT /PS; transfer output
N: no 3D-linearization (OL) in file (F) or PS-startup (S), page 4/5

rgb^*_{lab} and CIE data of a elementary hue circle according to CIE R1-47 for Ostwald colours for CIE illuminant D65
Yxy, abc_{AB} , ABC_{AB} , $LabC^*_{ab}$, h_{ab} data for relative spacing of elementary hue h_{ab} of CIELAB for CIE 2 degree observer

Elementary hue circle with 4 intended elementary hue angles: $h_{ab} = 25.6, 92.4, 162.1, 271.5$ of CIELAB, and 90 intended hue angles:

180, 181, ..., 269, CIELAB data of CIE test colours 9 (R): 40.0 58.9 28.3, 10 (Y): 81.3 -30.3 71.8, 11 (G): 52.2 -42.3 13.6, 12 (B): 30.5 1.2 -46.3

no.ab	Y	x	y	a	b	C _{AB}	A	B	C _{AB}	h _{AB}	L*	a*	b*	C _{ab}	h _{ab}	rgb* _{cab}	Code _{ab}		
180	59.2	0.168	0.404	0.416	-0.423	0.534	-31.6	0.7	31.6	178.6	81.4	-100.9	1.5	100.9	179.0	0.00	1.00	0.32	G168
181	59.1	0.168	0.397	0.422	-0.436	0.522	-31.2	0.0	31.2	180.0	81.3	-99.4	0.0	99.4	180.0	0.00	1.00	0.34	G178
182	59.1	0.167	0.391	0.427	-0.449	0.528	-30.9	-0.8	30.9	181.5	81.3	-98.0	-1.7	98.0	181.0	0.00	1.00	0.36	G188
183	59.1	0.167	0.386	0.433	-0.462	0.517	-30.5	-1.6	30.5	183.0	81.3	-96.5	-3.4	96.6	182.0	0.00	1.00	0.38	G198
184	59.0	0.167	0.38	0.439	-0.476	0.512	-30.1	-2.4	30.2	184.8	81.3	-95.0	-5.0	95.0	183.0	0.00	1.00	0.40	G208
185	59.0	0.166	0.376	0.445	-0.490	0.507	-29.8	-3.2	29.9	186.1	81.3	-93.6	-6.7	93.8	184.0	0.00	1.00	0.41	G208
186	59.0	0.166	0.368	0.451	-0.503	0.503	-29.4	-4.0	29.7	187.7	81.3	-92.1	-8.3	92.5	185.1	0.00	1.00	0.43	G218
187	58.9	0.166	0.363	0.457	-0.517	0.499	-29.0	-4.8	29.4	189.4	81.2	-90.6	-9.9	91.2	186.2	0.00	1.00	0.45	G228
188	58.9	0.166	0.358	0.463	-0.531	0.496	-28.7	-5.6	29.2	191.1	81.2	-89.2	-11.5	91.5	187.3	0.00	1.00	0.47	G238
189	58.9	0.165	0.352	0.469	-0.545	0.493	-28.3	-6.4	29.0	192.8	81.2	-87.7	-13.0	92.8	188.5	0.00	1.00	0.49	G248
190	58.9	0.165	0.347	0.475	-0.559	0.489	-27.9	-7.2	28.8	194.6	81.2	-86.3	-14.5	87.5	189.5	0.00	1.00	0.5	G258
191	58.8	0.165	0.343	0.481	-0.573	0.488	-27.5	-8.1	28.7	196.3	81.2	-84.9	-16.0	86.4	190.7	0.00	1.00	0.52	G268
192	58.8	0.165	0.338	0.487	-0.587	0.487	-27.2	-8.9	28.6	198.1	81.2	-83.5	-17.5	85.3	191.8	0.00	1.00	0.54	G278
193	58.8	0.164	0.333	0.493	-0.6	0.485	-26.8	-9.7	28.5	199.8	81.1	-82.2	-18.9	86.7	193.0	0.00	1.00	0.56	G288
194	58.7	0.164	0.328	0.5	-0.616	0.485	-26.4	-10.6	28.4	201.8	81.1	-80.6	-20.5	83.2	194.2	0.00	1.00	0.58	G298
195	58.6	0.164	0.323	0.507	-0.631	0.484	-26.0	-11.5	28.4	203.8	81.1	-79.0	-22.1	82.0	195.6	0.00	1.00	0.6	G308
196	58.6	0.164	0.319	0.513	-0.646	0.485	-25.5	-12.3	28.4	205.8	81.0	-77.5	-23.5	81.0	196.8	0.00	1.00	0.61	G308
197	58.5	0.163	0.315	0.52	-0.66	0.485	-25.2	-13.1	28.4	207.6	81.0	-76.1	-24.9	80.1	198.1	0.00	1.00	0.63	G318
198	58.5	0.163	0.311	0.525	-0.673	0.486	-24.8	-13.9	28.4	209.2	81.0	-74.8	-26.1	79.2	199.8	0.00	1.00	0.65	G328
199	58.4	0.163	0.308	0.531	-0.685	0.486	-24.4	-14.6	28.5	210.8	80.9	-73.6	-27.3	78.5	200.3	0.00	1.00	0.67	G338
200	58.3	0.163	0.304	0.536	-0.697	0.489	-24.1	-15.2	28.5	212.3	80.9	-72.4	-28.3	77.8	201.3	0.00	1.00	0.69	G348
201	58.3	0.163	0.302	0.541	-0.707	0.491	-23.8	-15.8	28.6	213.6	80.9	-71.4	-29.3	77.1	202.3	0.00	1.00	0.71	G358
202	58.3	0.163	0.299	0.546	-0.716	0.492	-23.5	-16.3	28.7	214.8	80.9	-70.4	-30.1	76.6	203.1	0.00	1.00	0.72	G358
203	58.2	0.163	0.297	0.55	-0.725	0.494	-23.3	-16.8	28.7	215.8	80.9	-69.5	-30.9	75.9	204.0	0.00	1.00	0.73	G358
204	58.2	0.163	0.295	0.554	-0.732	0.495	-23.0	-17.2	28.8	216.8	80.8	-68.7	-31.6	75.6	204.6	0.00	1.00	0.76	G388
205	58.2	0.163	0.293	0.557	-0.738	0.496	-22.8	-17.6	28.8	217.6	80.8	-68.0	-32.1	75.2	205.3	0.00	1.00	0.78	G398
206	58.6	0.164	0.292	0.563	-0.741	0.493	-22.6	-17.9	28.9	218.3	81.1	-66.9	-32.5	74.3	205.9	0.00	1.00	0.8	G408
207	57.5	0.162	0.289	0.567	-0.756	0.503	-22.3	-18.4	28.9	219.6	81.0	-66.6	-33.4	74.6	206.7	0.00	1.00	0.8	G408
208	56.2	0.16	0.286	0.561	-0.773	0.515	-21.8	-19.0	28.9	221.0	79.7	-66.3	-34.8	74.9	207.9	0.00	1.00	0.83	G418
209	54.9	0.158	0.282	0.56	-0.792	0.528	-21.4	-19.6	28.9	222.5	78.9	-66.0	-36.2	75.3	208.7	0.00	1.00	0.85	G428
210	53.5	0.155	0.278	0.559	-0.813	0.543	-20.9	-20.2	29.0	224.0	78.9	-65.6	-37.6	75.6	209.7	0.00	1.00	0.87	G438
211	52.0	0.153	0.274	0.558	-0.835	0.56	-20.4	-20.8	29.1	225.6	77.3	-65.2	-39.0	76.6	210.8	0.00	1.00	0.89	G448
212	50.7	0.15	0.269	0.557	-0.858	0.577	-19.9	-21.4	29.2	227.1	76.5	-64.8	-40.4	77.2	212.0	0.00	1.00	0.91	G458
213	49.3	0.148	0.265	0.557	-0.881	0.594	-19.4	-22.0	29.3	228.5	75.6	-64.4	-41.8	76.8	213.0	0.00	1.00	0.92	G468
214	48.2	0.146	0.262	0.558	-0.902	0.609	-18.9	-22.5	29.4	229.7	74.9	-63.7	-43.0	76.9	214.0	0.00	1.00	0.94	G478
215	47.2	0.144	0.258	0.559	-0.921	0.632	-18.4	-22.9	29.4	231.2	74.3	-63.0	-44.2	76.9	215.0	0.00	1.00	0.96	G488
216	46.2	0.143	0.255	0.561	-0.94	0.637	-17.9	-23.3	29.4	232.3	73.7	-62.1	-45.2	76.9	216.0	0.00	1.00	0.98	G498
217	45.4	0.142	0.252	0.564	-0.958	0.65	-17.5	-23.7	29.5	233.5	73.1	-61.3	-46.2	77.0	217.0	0.00	1.00	1.0	G508
218	44.5	0.141	0.249	0.566	-0.976	0.662	-17.0	-24.0	29.5	234.6	72.6	-60.4	-47.1	76.6	217.9	0.00	0.97	1.00	G518
219	43.7	0.14	0.246	0.568	-0.992	0.676	-16.6	-24.3	29.6	235.6	72.1	-59.5	-48.0	76.5	218.8	0.00	0.96	1.00	G518
220	42.9	0.139	0.243	0.572	-1.012	0.689	-16.2	-24.7	29.6	236.7	71.5	-58.6	-48.9	76.4	219.8	0.00	0.94	1.00	G528
221	42.1	0.138	0.24	0.575	-1.031	0.703	-15.8	-25.1	29.6	237.8	71.0	-57.7	-49.9	76.3	220.8	0.00	0.92	1.00	G538
222	41.3	0.137	0.237	0.578	-1.05	0.718	-15.3	-25.4	29.7	238.8	70.4	-56.7	-50.8	76.2	221.9	0.00	0.9	1.00	G548
223	40.6	0.136	0.234	0.582	-1.07	0.734	-14.9	-25.8	29.8	239.9	69.9	-55.7	-51.7	76.6	222.9	0.00	0.88	1.00	G558
224	39.8	0.135	0.232	0.586	-1.089	0.754	-14.4	-26.1	29.9	240.9	69.3	-54.6	-52.7	75.9	223.9	0.00	0.86	1.00	G568
225	39.3	0.135	0.229	0.589	-1.105	0.761	-14.2	-26.3	29.9	241.6	68.9	-53.7	-53.5	75.8	224.6	0.00	0.85	1.00	G578
226	38.7	0.134	0.227	0.591	-1.12	0.773	-13.9	-26.5	30.0	242.3	68.6	-53.2	-54.0	75.7	225.3	0.00	0.84	1.00	G588
227	38.2	0.134	0.225	0.595	-1.136	0.786	-13.5	-26.8	30.0	243.1	68.2	-52.4	-54.7	75.7	226.2	0.00	0.81	1.00	G598
228	37.6	0.133	0.222	0.599	-1.154	0.8	-13.2	-27.0	30.1	243.9	67.7	-51.4	-55.4	75.6	227.1	0.00	0.79	1.00	G608
229	37.1	0.132	0.22	0.603	-1.172	0.816	-12.8	-27.3	30.1	244.8	67.2	-50.6	-56.2	75.5	228.1	0.00	0.77	1.00	G618
230	36.3	0.132	0.217	0.609	-1.197	0.834	-12.3	-27.6	30.2	245.6	66.7	-49.7	-57.1	75.3	229.3	0.00	0.75	1.00	G628
231	35.5	0.131	0.213	0.616	-1.222	0.855	-11.8	-27.9	30.3	247.0	66.1	-47.5	-58.1	75.2	230.5	0.00	0.73	1.00	G638
232	34.9	0.131	0.211	0.622	-1.244	0.873	-11.4	-28.2	30.4	247.9	65.6	-46.3	-59.0	75.0	231.8	0.00	0.72	1.00	G638
233	34.4	0.131	0.209	0.626	-1.259	0.885	-11.1	-28.4	30.5	248.4	65.3	-45.4	-59.5	74.9	232.6	0.00	0.7	1.00	G648
234	33.9	0.13	0.207	0.631	-1.275	0.898	-10.8	-28.6	30.6	249.1	65.0	-44.5	-60.1	74.8	233.4	0.00	0.68	1.00	G658
235	33.6	0.13	0.205	0.635	-1.291	0.911	-10.5	-28.7	30.6	249.8	64.6	-43.6	-60.7	74.7	234.2	0.00	0.66	1.00	G668
236	33.2	0.13	0.203	0.64	-1.308	0.926	-10.2	-28.9	30.7	250.4	64.3	-42.6	-61.3	74.6	235.0	0.00	0.64	1.00	G678
237	32.7	0.13	0.201	0.645	-1.325	0.941	-9.9	-29.1	30.8	251.1	63.9	-41.6	-61.9	74.6	236.0	0.00	0.63	1.00	G688
238	32.3	0.129	0.199	0.651	-1.344	0.956	-9.6	-29.3	30.9	251.7	63.5	-40.6	-62.5	74.5	236.9	0.00	0.61	1.00	G698
239	31.8	0.129	0.197	0.656	-1.363	0.973	-9.3	-29.5	30.9	252.4	63.2	-39.6	-63.2	74.5	237.9	0.00	0.59	1.00	G708
240	31.3	0.129	0.195	0.662	-1.383	0.99	-9.0	-29.											

http://130.149.60.45/~farbmatrik/VE42/VE42L0NA.TXT /PS; transfer output
N: no 3D-linearization (OL) in file (F) or PS-startup (S), page 5/5

rgb* _{cab} and CIE data of a elementary hue circle according to CIE R1-47 for Ostwald colours for CIE illuminant D65									
Yxy, abc _{AB} , ABC _{AB} , LabC _{ab} , h _{ab} data for relative spacing of elementary hue h _{ab} of CIELAB for CIE 2 degree observer									
Elementary hue circle with 4 intended elementary hue angles: h _{ab} = 25.6, 92.4, 162.1, 271.5 of CIELAB, and 92.4 intended hue angles:									
270, 271, ..., 360, CIELAB data of CIE test colours 9 (R): 40.0 58.9 28.3, 10 (Y): 81.3 -3.0 71.8, 11 (G): 52.2 -42.3 13.6, 12 (B): 30.5 1.2 -46.3									
no-ab _Y	x	y	a	b	C _{AB}	A ₁₀	B ₁₀	C _{AB,10}	A ₁₀
270	19.2	0.127	0.132	0.961	-2.238	1.883	0.2	-34.7	34.7
271	18.9	0.127	0.132	0.974	-2.272	1.871	0.6	-37.7	34.8
272	18.6	0.127	0.128	0.987	-2.367	1.871	0.6	-34.9	34.9
273	18.4	0.127	0.127	1.0	-2.341	1.966	0.9	-35.0	35.1
274	18.1	0.127	0.125	1.014	-2.375	1.94	1.1	-35.1	35.2
275	17.8	0.127	0.123	1.01	-2.443	1.985	1.4	-35.3	35.3
276	17.4	0.127	0.119	1.05	-2.472	1.938	1.7	-35.5	35.5
277	17.0	0.127	0.119	1.07	-2.521	1.889	2.0	-35.6	35.6
278	16.7	0.127	0.117	1.089	-2.57	2.139	2.3	-35.7	35.7
279	16.4	0.128	0.115	1.088	-2.618	2.188	2.6	-35.8	35.9
280	15.7	0.128	0.113	1.128	-2.667	2.288	2.9	-36.0	36.0
281	15.8	0.128	0.111	1.149	-2.717	2.229	3.1	-36.1	36.2
282	15.5	0.128	0.109	1.171	-2.769	2.344	3.4	-36.2	36.3
283	15.1	0.129	0.107	1.195	-2.826	2.403	3.7	-36.3	36.3
284	14.8	0.129	0.105	1.222	-2.888	2.468	4.0	-36.4	36.6
285	14.4	0.128	0.103	1.252	-2.96	2.542	4.3	-36.5	36.6
286	14.0	0.13	0.101	1.286	-3.038	2.624	4.7	-36.7	37.0
287	13.7	0.13	0.098	1.322	-3.121	2.712	5.0	-36.8	37.1
288	13.3	0.13	0.096	1.36	-3.21	2.804	5.4	-36.9	37.3
289	12.9	0.131	0.093	1.4	-3.303	2.902	5.8	-37.0	37.5
290	12.5	0.131	0.091	1.442	-3.401	3.009	6.2	-37.2	37.7
291	12.1	0.132	0.088	1.486	-3.503	3.114	6.5	-37.3	37.8
292	11.7	0.132	0.086	1.532	-3.609	3.226	6.8	-37.4	38.0
293	11.4	0.133	0.084	1.58	-3.719	3.344	7.2	-37.5	38.2
294	11.0	0.133	0.081	1.629	-3.833	3.465	7.5	-37.6	38.3
295	10.7	0.133	0.079	1.683	-3.951	3.594	7.8	-37.7	38.4
296	10.4	0.134	0.077	1.732	-4.069	3.716	8.1	-37.8	38.7
297	10.1	0.134	0.075	1.785	-4.199	3.846	8.4	-37.9	38.8
298	9.8	0.135	0.073	1.839	-4.312	3.977	8.7	-38.0	39.0
299	9.4	0.135	0.071	1.896	-4.465	4.141	9.0	-38.1	39.1
300	9.0	0.137	0.069	1.957	-4.601	4.348	9.5	-38.3	39.3
301	8.5	0.136	0.064	2.111	-4.925	4.637	9.9	-38.3	39.5
302	8.1	0.137	0.062	2.262	-5.123	4.852	10.2	-38.3	39.6
303	7.8	0.138	0.06	2.287	-5.31	5.055	10.5	-38.3	39.9
304	7.4	0.138	0.058	2.372	-5.495	5.282	10.8	-38.4	40.0
305	6.4	0.131	0.05	2.589	-5.422	6.267	10.5	-38.7	40.1
306	6.0	0.131	0.047	2.578	-5.887	6.7	10.8	-38.7	40.2
307	6.0	0.138	0.048	2.878	-6.779	6.629	11.7	-38.5	40.2
308	6.4	0.146	0.05	2.886	-6.338	6.212	12.5	-38.7	40.2
309	6.3	0.153	0.052	2.872	-5.951	5.84	13.2	-38.8	40.2
310	7.3	0.16	0.056	2.855	-5.572	5.47	14.0	-37.7	40.3
311	7.8	0.168	0.059	2.836	-5.297	5.13	14.8	-37.5	40.3
312	8.4	0.176	0.062	2.815	-4.857	4.799	15.5	-37.2	40.4
313	9.0	0.184	0.066	2.794	-4.527	4.487	16.6	-36.9	40.5
314	9.7	0.192	0.071	2.769	-4.241	4.191	17.7	-36.6	40.6
315	10.3	0.202	0.073	2.748	-3.925	3.925	18.6	-36.2	40.7
316	11.1	0.211	0.077	2.724	-3.654	3.675	19.7	-35.8	40.9
317	11.9	0.221	0.081	2.7	-3.495	3.446	20.9	-35.4	41.2
318	12.8	0.23	0.086	2.676	-3.174	3.237	22.1	-35.0	41.4
319	13.7	0.238	0.091	2.652	-2.815	3.042	23.4	-34.6	41.7
320	14.6	0.249	0.094	2.628	-2.769	2.874	24.5	-34.1	42.1
321	15.6	0.258	0.099	2.605	-2.592	2.718	25.8	-33.7	42.4
322	16.6	0.267	0.103	2.582	-2.431	2.578	27.1	-33.2	42.9
323	17.6	0.276	0.107	2.56	-2.284	2.451	28.4	-32.7	43.3
324	18.6	0.284	0.112	2.538	-2.151	2.337	29.8	-32.2	43.8
325	19.8	0.292	0.116	2.516	-2.03	2.235	31.1	-31.6	44.4
326	20.9	0.3	0.12	2.496	-1.921	2.143	32.4	-31.1	44.9
327	23.0	0.313	0.128	2.442	-1.739	1.981	34.4	-30.0	45.7
328	25.0	0.324	0.136	2.379	-1.582	1.822	36.4	-28.9	46.7
329	27.0	0.331	0.142	2.32	-1.469	1.716	37.7	-27.9	46.3
330	28.5	0.336	0.148	2.265	-1.384	1.621	37.4	-27.0	46.2
331	29.7	0.339	0.153	2.213	-1.32	1.542	37.5	-26.2	45.8
332	31.4	0.345	0.16	2.154	-1.232	1.443	37.9	-25.9	45.4
333	33.2	0.351	0.161	2.101	-1.151	1.355	38.2	-25.3	45.0
334	34.5	0.355	0.167	2.058	-1.09	1.287	38.2	-22.6	44.4
335	35.8	0.36	0.178	2.02	-1.035	1.227	38.3	-21.5	43.9
336	36.8	0.364	0.183	1.989	-0.984	1.175	38.2	-20.2	43.3
337	37.4	0.37	0.188	1.967	-0.938	1.134	38.6	-18.8	42.4
338	37.6	0.375	0.192	1.953	-0.901	1.103	39.0	-17.4	41.7
339	37.8	0.38	0.195	1.939	-0.865	1.078	37.4	-16.2	40.8
340	38.0	0.384	0.199	1.926	-0.831	1.053	37.1	-15.0	40.0
341	38.2	0.389	0.203	1.914	-0.801	1.031	36.6	-13.9	39.4
342	38.0	0.392	0.208	1.883	-0.773	1.001	36.6	-13.1	38.9
343	39.7	0.383	0.211	1.863	-0.747	0.969	36.6	-12.2	38.2
344	39.8	0.395	0.212	1.857	-0.735	0.955	36.1	-11.9	38.0
345	39.9	0.397	0.214	1.849	-0.72	0.943	35.9	-11.4	37.7
346	40.0	0.4	0.217	1.841	-0.703	0.93	35.7	-10.7	37.2
347	40.1	0.403	0.22	1.831	-0.683	0.915	35.4	-9.9	36.7
348	40.2	0.407	0.223	1.823	-0.663	0.899	0.9	-8.9	36.0
349	40.3	0.411	0.227	1.81	-0.635	0.882	34.7	-8.0	35.6
350	40.4	0.416	0.231	1.798	-0.607	0.865	34.3	-6.9	35.0
351	40.5	0.422	0.236	1.785	-0.577	0.848	33.8	-5.7	34.3
352	40.6	0.428	0.241	1.775	-0.548	0.831	33.4	-4.5	33.7
353	40.6	0.428	0.242	1.77	-0.543	0.826	33.3	-4.3	33.5
354	40.6	0.43	0.243	1.765	-0.533	0.82	33.1	-3.9	33.3
355	40.6	0.432	0.245	1.76	-0.523	0.814	32.9	-3.5	33.1
356	40.6	0.434	0.247	1.755	-0.512	0.808	32.7	-3.1	32.9
357	40.6	0.438	0.251	1.75	-0.491	0.797	32.3	-2.2	32.4
358	40.7	0.441	0.253	1.74	-0.481	0.791	32.1	-1.8	32.2
359	40.7	0.443	0.255	1.735	-0.47	0.785	31.9	-1.4	32.0

CIEXYZ data of CIE test colours 9 (R): 20.6 11.2 4.3, 10 (Y): 48.8 59.0 12.0, 11 (G): 12.1 20.3 15.3, 12 (B): 6.2 6.4 27.6

rgb* _{cab} and CIE data of a elementary hue circle according to CIE R1-47 for Ostwald colours for CIE illuminant D65																				
Yxy, abc _{AB} , ABC _{AB} , LabC _{ab} , h _{ab} data for relative spacing of elementary hue h _{ab} of CIELAB for CIE 10 degree observer																				
Elementary hue circle with 4 intended elementary hue angles: h _{ab} = 25.9, 87.3, 158.8, 252.1 of CIELAB, and 90 intended hue angles:																				
270, 271, ..., 360, CIELAB data of CIE test colours 9 (R): 39.2 54.5 26.4, 10 (Y): 79.5 3.2 71.0, 11 (G): 52.3 -39.6 15.3, 12 (B): 33.6 -12.8 -39.9																				
no-ab _Y	x ₁₀	y ₁₀	a ₁₀	b ₁₀	C _{AB,10}	A ₁₀	B ₁₀	C _{AB,10}	A ₁₀	B ₁₀	C _{AB,10}	A ₁₀	B ₁₀	C _{AB,10}	A ₁₀	B ₁₀	C _{AB,10}	A ₁₀	B ₁₀	C _{AB,10}
270	40.8	0.481	0.285	1.686	-0.326	0.745	39.1	4.1	38.4	7.9	78.0	78.4	12.9	79.5	3.3	0.26	0.90	1.00	0.813R	
271	40.8	0.48	0.284	1.687	-0.329	0.745	39.1	4.0	38.4	7.6	78.0	78.5	12.4	79.5	3.0	0.28	0.90	1.00	0.814R	
272	40.7	0.479	0.283	1.688	-0.333	0.746	39.2	3.9	38.4	7.3	78.0	78.6	12.2	79.5	2.8	0.30	0.90	1.00	0.815R	
273	40.7	0.478	0.283	1.689	-0.336	0.747	39.2	3.7	38.4	7.1	78.0	78.7	12.1	79.5	2.5	0.31	0.90	1.00	0.816R	
274	40.7	0.477	0.282	1.69	-0.339	0.747	39.2	3.6	38.4	6.8	78.0	78.8	11.1	79.6	8.0	0.32	0.90	1.00	0.816R	
275	40.7	0.476	0.281	1.691	-0.342	0.748	39.3	3.5	38.5	6.6	78.0	78.9	10.6	79.6	7.7	0.34	0.90	1.00	0.817R	
276	40.7	0.475	0.281	1.692	-0.346	0.749	39.3	3.3	38.5	6.3	78.0	79.0	10.2	79.6	7.3	0.35	0.90	1.00	0.817R	
277	40.7	0.474	0.28	1.693	-0.349	0.75	39.3	3.2	38.5	6.1	78.0	79.1	9.9	79.7	6.9	0.36	0.90	1.00	0.818R	
278	40.7	0.473	0.279	1.695	-0.352	0.75	39.4	3.1	38.5	5.8	69.9	79.1	9.3	79.7	6.7	0.38	0.90	1.00	0.819R	
279	40.7	0.472	0.278	1.696	-0.356	0.751	39.4	2.9	38.6	5.5	69.9	79.2	8.9	79.7	6.4	0.4	0.90	1.00	0.820R	
280	40.7	0.471	0.277	1.697	-0.359	0.752	39.4	2.8	38.6	5.3	69.9	79.3	8.5	79.8	6.1	0.41	0.90	1.00	0.820R	
281	40.6	0.471	0.277	1.698	-0.362	0.753	39.5	2.7	38.6	5.0	69.9	79.4	8.0	79.8	5.8	0.43	0.90	1.00	0.821R	
282	40.6	0.47	0.276	1.699	-0.366	0.753	39.5	2.5	38.6	4.8	69.9	79.5	7.6	79.8	5.4	0.44	0.90	1.00	0.822R	
283	40.6	0.469	0.275	1.7	-0.369	0.754	39.5	2.4	38.6	4.5	69.9	79.6	7.2	79.9	5.1	0.46	0.90	1.00	0.823R	
284	40.6	0.468	0.275	1.701	-0.372	0.755	39.6	2.2	38.7	4.2	69.9	79.7	6.7	80.0	4.8	0.47	0.90	1.00	0.823R	
285	40.6	0.467	0.274	1.702	-0.376	0.756	39.6	2.1	38.7	4.0	69.9	79.8	6.3	80.0	4.5	0.49	0.90	1.00	0.824R	
286	40.6	0.466	0.273	1.703	-0.379	0.757	39.7	2.0	38.7	3.7	69.9	79.8	5.9	80.1	4.2	0.5	0.90	1.00	0.825R	
287	40.6	0.465	0.273	1.704	-0.382	0.758	39.7	1.8	38.7	3.4	69.9	79.9	5.4	80.2	3.9	0.52	0.90	1.00	0.826R	
288	40.6	0.464	0.272	1.705	-0.386	0.758	39.7	1.7	38.8	3.2	69.9	80.0	5.1	80.2	3.6	0.53	0.90	1.00	0.826R	
289	40.6	0.463	0.271	1.706	-0.389	0.759	39.8	1.6	38.8	2.9	69.9	80.1	4.7	80.2	3.3	0.55	0.90	1.00	0.827R	
290	40.5	0.462	0.27	1.707	-0.393	0.76	39.8	1.4	38.8	2.7	69.8	80.2	4.2	80.3	3.0	0.56	0.90	1.00	0.828R	
291	40.5	0.461	0.27	1.708	-0.396	0.763	39.8	1.3	38.9	2.4	69.8	80.3	3.8	80.4	2.7	0.58	0.90	1.00	0.829R	
292	40.5	0.46	0.269	1.709	-0.399	0.764	39.9	1.2	38.9	2.2	69.8	80.4	3.5	80.4	2.4	0.6	0.90	1.00	0.830R	
293	40.5	0.46	0.268	1.71	-0.403	0.763	39.9	1.0	38.9	1.9	69.8	80.4	3.0	80.5	2.1	0.61	0.90	1.00	0.830R	
294	40.5	0.459	0.268	1.712	-0.406	0.764	39.9	0.9	38.9	1.7	69.8	80.5	2.6	80.6	1.8	0.62	0.90	1.00	0.831R	
295	40.5	0.458	0.267	1.713	-0.41	0.765	39.9	0.7	39.0	1.4	69.8	80.6	2.2	80.6	1.5	0.64	0.90	1.00	0.832R	
296	40.5	0.457	0.266	1.714	-0.413	0.766	39.9	0.6	39.0	1.2	69.8	80.7	1.8	80.7	1.3	0.66	0.90	1.00	0.833R	
297	40.5	0.456	0.266	1.715	-0.416	0.767	39.9	0.5	39.0	0.9	69.8	80.8	1.5	80.8	1.1	0.67	0.90	1.00	0.833R	
298	40.5	0.455	0.265	1.716	-0.42	0.768	39.9	0.4	39.1	0.6	69.8	80.9	1.0	80.9	0.7	0.68	0.90	1.00	0.834R	
299	40.5	0.454	0.264	1.717	-0.423	0.769	39.9	0.2	39.1	0.4	69.8	80.9	0.6	80.9	0.4	0.7	0.90	1.00	0.835R	
300	40.4	0.453	0.264	1.718	-0.427	0.77	39.9	0.0	39.1	0.1	69.8	81.0	0.2	81.0	0.1	0.71	0.90	1.00	0.835R	
301	40.4	0.452	0.263	1.719	-0.431	0.771	39.9	-0.2	39.0	-0.1	69.8	81.1	-0.2	81.1	-0.1	0.73	0.90	1.00	0.836R	
302	40.4	0.452	0.262	1.72	-0.433	0.772	39.9	-0.2	39.1	-0.2	69.8	81.2	-0.5	81.2	-0.3	0.74	0.90	1.00	0.837R	
303	40.4	0.451	0.262	1.721	-0.437	0.773	39.9	-0.3	39.1	-0.3	69.8	81.3	-0.8	81.3	-0.5	0.75	0.90	1.00	0.838R	
304	40.4	0.45	0.261	1.722	-0.44	0.774	39.9	-0.4	39.1	-0.4	69.8	81.4	-1.2	81.3	-0.9	0.76	0.90	1.00	0.838R	
305	40.4	0.449	0.26	1.723	-0.443	0.775	39.9	-0.5	39.1	-0.5	69.8	81.5	-1.6	81.4	-1.1	0.77	0.90	1.00	0.839R	
306	40.4	0.448	0.259	1.724	-0.446	0.776	39.9	-0.6	39.1	-0.6	69.8	81.6	-2.1	81.5	-1.6	0.78	0.90	1.00	0.840R	
307	40.4	0.447	0.259	1.724	-0.45	0.777	39.9	-0.8	39.1	-0.8	69.8	81.6	-2.4	81.6	-1.8	0.78	0.90	1.00	0.841R	
308	40.4	0.446	0.258	1.725	-0.454	0.778	39.9	-1.0	39.1	-1.0	69.8	81.7	-2.7	81.7	-2.1	0.79	0.90	1.00	0.841R	
309	40.4	0.446	0.258	1.726	-0.457	0.779	39.9	-1.1	39.1	-1.1	69.8	81.7	-3.1	81.8	-2.5	0.79	0.90	1.00	0.842R	
310	40.3	0.445	0.257	1.727	-0.46	0.78	39.9	-1.2	39.1	-1.2	69.8	81.8	-3.5	81.9	-2.9	0.79	0.90	1.00	0.843R	
311	40.3	0.444	0.256	1.728	-0.463	0.781	39.9	-1.4	39.1	-1.4	69.8	81.9	-4.0	82.0	-3.4	0.8	0.90	1.00	0.844R	
312	40.3	0.443	0.256	1.729	-0.467	0.782	39.9	-1.5	39.1	-1.5	69.8	82.0	-4.2	82.1	-3.7	0.8	0.90	1.00	0.844R	
313	40.3	0.442	0.255	1.73	-0.47	0.783	39.9	-1.6	39.1	-1.6	69.8	82.1	-4.6	82.2	-4.0	0.81	0.90	1.00	0.845R	
314	40.3	0.442	0.255	1.731	-0.474	0.784	39.9	-1.8	39.1	-1.8	69.8	82.2	-4.9	82.3	-4.3	0.81	0.90	1.00	0.846R	
315	40.3	0.441	0.254	1.732	-0.477	0.785	39.9	-1.9	39.1	-1.9	69.8	82.3	-5.3	82.3	-4.6	0.82	0.90	1.00	0.847R	
316	40.3	0.44	0.253	1.733	-0.48	0.786	39.9	-2.1	39.1	-2.1	69.8	82.4	-5.7	82.4	-5.0	0.82	0.90	1.00	0.848R	
317	40.3	0.439	0.253	1.734	-0.484	0.787	39.9	-2.2	39.1	-2.2	69.8	82.5	-6.0	82.5	-5.3	0.82	0.90	1.00	0.848R	
318	40.3	0.438	0.252	1.735	-0.487	0.789	39.9	-2.3	39.1	-2.3	69.8	82.6	-6.3	82.6	-5.5	0.82	0.90	1.00	0.849R	
319	40.3	0.438	0.252	1.736	-0.49	0.79	39.9	-2.4	39.1	-2.4	69.8	82.6	-6.7	82.7	-5.9	0.82	0.90	1.00	0.849R	
320	40.2	0.437	0.251	1.737	-0.493	0.791	39.9	-2.6	39.1	-2.6	69.8	82.7	-7.0	82.8	-6.2	0.83	0.90	1.00	0.850R	
321	40.2	0.436	0.251	1.737	-0.497	0.792	39.9	-2.7	39.1	-2.7	69.8	82.8	-7.4	82.9	-6.6	0.83	0.90	1.00	0.851R	
322	40.2	0.435	0.25	1.738	-0.5	0.793	39.8	-2.8	39.1	-2.8	69.8	82.9	-7.7	83.0	-7.0	0.83	0.90	1.00	0.852R	
323	40.2	0.434	0.25	1.739	-0.503	0.795	39.8	-3.0	39.0	-3.0	69.8	82.9	-8.0	83.1	-7.3	0.84	0.90	1.00	0.852R	
324	40.2	0.434	0.249	1.74	-0.507	0.796	39.9	-3.1	39.0	-3.1	69.8	83.0	-8.4	83.2	-7.6	0.84	0.90	1.00	0.853R	
325	40.2	0.433	0.248	1.741	-0.51	0.797	39.9	-3.2	39.0	-3.2	69.8	83.1	-8.8	83.3	-8.0	0.84	0.90	1.00	0.854R	
326	40.2	0.432	0.248	1.742	-0.513	0.798	39.9	-3.3	39.1	-3.3	69.8	83.2	-9.0	83.4	-8.2	0.85	0.90	1.00	0.855R	
327	40.2	0.431	0.247	1.743	-0.516	0.799	39.9	-3.5	39.1	-3.5	69.8	83.3	-9.5	83.5	-8.7	0.85	0.90	1.00	0.855R	
328	40.2	0.431	0.247	1.743	-0.52	0.801	39.9	-3.6	39.2	-3.6	69.8	83.4	-9.7	83.7	-9.0	0.86	0.90	1.00	0.856R	
329	40.2	0.43	0.246	1.744	-0.523	0.802	39.9	-3.7	39.2	-3.7	69.8	83.5	-10.0	83.8	-9.3	0.86	0.90	1.00	0.857R	
330	40.2	0.429	0.245	1.745	-0.526	0.803	39.9	-3.8	39.2	-3.8	69.8	83.6	-10.3	83.9	-9.6	0.86	0.90	1.00	0.858R	
331	40.1	0.429	0.245	1.746	-0.529	0.804	39.9	-4.0	39.2	-4.0	69.8	83.6	-10.6	84.0	-9.9	0.87	0.90	1.00	0.858R	
332	40.1	0.428	0.245	1.747	-0.532	0.805	39.9	-4.1	39.2	-4.1	69.8	83.7	-10.9	84.1	-10.2	0.87	0.90	1.00	0.859R	
333	40.1	0.427	0.244	1.748	-0.535	0.807	39.9	-4.2	39.2	-4.2	6									