

Ostwald-Optimalfarben (o) von maximalem (m) C_{AB} für D65, $Y_w=100$, $Y_m=520_770$, LINYAB-Daten													%	
i_1, λ_1	i_2, λ_2	Y_{100}	A_{100}	B_{100}	C_{AB}	a	b	h_{AB}	i_d, λ_d	i_c, λ_c	Code	%		
0	405	32	561	58.2	-22.74	-17.89	28.94	0.5596	-0.743	218.1	16 483	37 589	Cm	%
6	435	32	562	58.79	-26.78	-9.88	28.55	0.4948	-0.6036	200.2	17 486	42 610		%
10	450	32	563	59.42	-33.54	4.93	33.9	0.3859	-0.3525	171.6	19 496	-1 496c		%
12	460	33	565	60.32	-36.45	12.66	38.58	0.3461	-0.2256	160.8	21 505	-1 505c		%
12	465	33	567	61.66	-36.65	13.24	38.97	0.356	-0.2207	160.1	21 506	-1 506c		%
14	470	33	569	62.72	-38.14	19.32	42.76	0.3422	-0.1274	153.1	24 520	-1 520c		%
15	475	34	573	65.29	-38.28	22.47	44.39	0.364	-0.0913	149.5	25 528	-1 528c	Gm	%
16	480	36	580	69.95	-37.48	26.04	45.64	0.4146	-0.0632	145.2	27 537	-1 537c		%
17	485	39	595	78.75	-32.73	31.0	45.09	0.5347	-0.0418	136.5	29 548	-1 548c		%
18	490	-1	490c	93.8	-12.06	38.4	40.25	0.8218	-0.0261	107.4	33 565	11 459	max	%
19	495	-1	495c	92.3	-10.68	38.39	39.85	0.8346	-0.0195	105.5	33 566	12 462		%
20	500	-1	500c	90.42	-8.91	38.07	39.1	0.8518	-0.0144	103.1	33 567	12 464		%
22	510	-1	510c	85.27	-4.15	36.48	36.72	0.9016	-0.0076	96.5	33 569	13 469		%
23	520	-1	519c	81.98	-1.26	35.24	35.26	0.935	-0.0056	92.0	34 570	14 471	Ym	%
25	530	-1	529c	74.04	5.15	32.02	32.43	1.0201	-0.0031	80.8	34 573	15 475		%
27	540	-1	539c	64.9	11.57	28.16	30.44	1.1288	-0.0016	67.6	35 577	15 478		%
28	545	-1	544c	60.13	14.5	26.11	29.87	1.1917	-0.0012	60.9	35 579	15 479		%
29	550	-1	549c	55.26	17.18	24.01	29.53	1.2613	-0.0009	54.4	36 582	16 480		%
30	555	-1	554c	50.4	19.49	21.91	29.33	1.3372	-0.0007	48.3	36 584	16 481		%
32	560	-1	560c	41.0	22.8	17.83	28.95	1.5064	-0.0005	38.0	37 589	16 483		%
	380	770	100.0	0.0	0.0	0.0	0.01	0.9504	-0.4355	0.0				%
Ostwald-Optimalfarben (o) von maximalem (m) C_{AB} für D65, $Y_w=100$, $Y_m=770_520$, LINYAB komplementär%													%	
i_1, λ_1	i_2, λ_2	Y_{100}	A_{100}	B_{100}	C_{AB}	a	b	h_{AB}	i_d, λ_d	i_c, λ_c	Code	%		
32	561	0	405	41.79	22.74	17.89	28.94	1.4946	-0.0072	38.1	37 589	16 483	Rm	%
32	562	6	435	41.2	26.78	9.88	28.55	1.6006	-0.1956	20.2	42 610	17 486		%
32	563	10	450	40.57	33.54	-4.93	33.9	1.7771	-0.557	351.6	-1 496c	19 496		%
33	565	12	460	39.67	36.45	-12.66	38.58	1.8691	-0.7547	340.8	-1 505c	21 505		%
33	567	12	465	38.33	36.65	-13.24	38.97	1.9064	-0.781	340.1	-1 506c	21 506		%
33	569	14	470	37.27	38.14	-19.32	42.76	1.9738	-0.954	333.1	-1 520c	24 520		%
34	573	15	475	34.7	38.28	-22.47	44.39	2.0536	-1.083	329.5	-1 528c	25 528	Mm	%
36	580	16	480	30.04	37.48	-26.04	45.64	2.1982	-1.3026	325.2	-1 537c	27 537		%
39	595	17	485	21.24	32.73	-31.0	45.09	2.4914	-1.8952	316.5	-1 548c	29 548		%
-1	490c	18	490	6.19	12.06	-38.4	40.25	2.899	-6.6372	287.4	11 459	33 565	min	%
-1	495c	19	495	7.69	10.68	-38.39	39.85	2.3392	-5.4245	285.5	12 462	33 566		%
-1	500c	20	500	9.57	8.91	-38.07	39.1	1.8814	-4.4105	283.1	12 464	33 567		%
-1	510c	22	510	14.72	4.15	-36.48	36.72	1.2328	-2.9143	276.5	13 469	33 569		%
-1	519c	23	520	18.01	1.26	-35.24	35.26	1.0204	-2.3925	272.0	14 471	34 570	Bm	%
-1	529c	25	530	25.95	-5.15	-32.02	32.43	0.7516	-1.6693	260.8	15 475	34 573		%
-1	539c	27	540	35.09	-11.57	-28.16	30.44	0.6205	-1.238	247.6	15 478	35 577		%
-1	544c	28	545	39.86	-14.5	-26.11	29.87	0.5865	-1.0906	240.9	15 479	35 579		%
-1	549c	29	550	44.73	-17.18	-24.01	29.53	0.5663	-0.9725	234.4	16 480	36 582		%
-1	554c	30	555	49.59	-19.49	-21.91	29.33	0.5572	-0.8774	228.3	16 481	36 584		%
-1	560c	32	560	58.99	-22.8	-17.83	28.95	0.5638	-0.7379	218.0	16 483	37 589		%
	380	770	100.0	0.0	0.0	0.0	0.01	0.9504	-0.4355	0.0				%

rgb_{abcAB} und CIE-Daten eines Elementar-Bunttonkreises nach CIE RI-47 für Ostwald-Farben für CIE-Lichtart D65**X_{xy}, Lab_{AB}, ABC_{AB}, LabC_{ab}, h_{ab}-Daten für relative Stufung des Elementar-buntton Kreises nach L_{IN}Y_{AB} für CIE-2-Grad Beobachter****Elementar-Bunttonkreise mit 4 Ziel-Elementar-Bunttonwinkeln: h_{AB} = 17.7, 93.3, 159.1, 270.8 von L_{IN}Y_{AB} und 2,0 Ziel-Bunttonwinkeln:****000.001, ..., 089, L_{IN}Y_{AB}-Daten CIE-Testfarben 9 (R): 11.2 9.9 3.1, 10 (Y): 59.0 -1.2 20.9, 11 (G): 20.3 -7.2 2.7, 12 (B): 6.4 0.1 -8.2**

no. _{AB}	X _y	089	L _{IN} Y _{AB}	a	b	c _{AB}	A	B	C _{AB}	h _{AB}	L*	a*	b*	C _{ab}	h _{ab}	rgb _{abcAB}	Code _{AB}		
000	40.7	0.447	0.259	1.727	-0.453	0.777	31.6	-0.7	31.6	358.7	70.0	81.6	-1.9	81.7	359.6	1.00	0.00	0.39	B60R
001	40.8	0.445	0.261	1.72	-0.44	0.777	31.4	-0.1	31.4	359.6	70.0	81.1	-0.5	81.1	359.6	1.00	0.00	0.37	B61R
002	40.8	0.453	0.264	1.714	-0.427	0.764	31.1	0.3	31.2	356.6	70.0	80.6	0.9	80.6	0.6	1.00	0.00	0.35	B62R
003	40.8	0.456	0.267	1.708	-0.414	0.758	30.9	0.8	30.9	1.6	70.0	80.0	2.4	80.1	1.7	1.00	0.00	0.33	B63R
004	40.8	0.459	0.269	1.701	-0.4	0.752	30.7	1.4	30.7	2.6	70.0	79.5	4.0	79.6	2.9	1.00	0.00	0.3	B64R
005	40.8	0.462	0.272	1.695	-0.387	0.746	30.4	1.9	30.5	3.6	70.1	78.9	5.6	79.1	4.0	1.00	0.00	0.28	B65R
006	40.9	0.465	0.275	1.689	-0.374	0.741	30.2	2.4	30.3	4.7	70.1	78.4	7.2	78.7	5.2	1.00	0.00	0.26	B66R
007	40.9	0.469	0.278	1.682	-0.361	0.736	29.9	3.0	30.1	5.7	70.1	77.8	8.9	78.3	6.5	1.00	0.00	0.24	B67R
008	40.9	0.472	0.281	1.676	-0.348	0.730	29.7	3.6	29.9	6.9	70.1	77.2	10.6	77.7	10.6	1.00	0.00	0.23	B68R
009	40.9	0.475	0.284	1.67	-0.335	0.726	29.4	4.1	29.7	7.9	70.1	76.7	12.3	77.7	9.1	1.00	0.00	0.19	B90R
010	40.9	0.479	0.288	1.663	-0.322	0.722	29.2	4.6	29.6	9.0	70.1	76.1	14.1	77.5	10.5	1.00	0.00	0.17	B91R
011	41.0	0.483	0.291	1.657	-0.309	0.718	28.9	5.1	29.4	10.1	70.1	75.6	15.9	77.3	11.9	1.00	0.00	0.15	B92R
012	41.0	0.486	0.294	1.65	-0.296	0.714	28.7	5.6	29.3	11.2	70.2	75.0	17.8	77.1	13.3	1.00	0.00	0.12	B93R
013	41.0	0.49	0.298	1.644	-0.283	0.71	28.5	6.2	29.1	12.3	70.2	74.5	19.7	77.0	14.8	1.00	0.00	0.1	B94R
014	41.0	0.493	0.301	1.638	-0.271	0.707	28.2	6.7	29.0	13.4	70.2	73.9	21.6	77.0	16.3	1.00	0.00	0.08	B95R
015	41.0	0.497	0.304	1.632	-0.258	0.704	28.0	7.2	28.9	14.5	70.2	73.3	23.6	77.1	17.8	1.00	0.00	0.06	B96R
016	41.1	0.501	0.308	1.626	-0.246	0.701	27.8	7.7	28.8	15.6	70.2	72.7	25.7	77.2	19.1	1.00	0.00	0.05	B98R
017	41.1	0.505	0.311	1.62	-0.234	0.699	27.5	8.2	28.7	16.7	70.2	72.3	27.7	77.4	21.0	1.00	0.00	0.01	B99R
018	41.1	0.509	0.315	1.613	-0.222	0.697	27.3	8.7	28.6	17.8	70.2	71.7	29.7	77.7	22.6	1.00	0.00	0.00	R00Y
019	41.1	0.513	0.319	1.607	-0.21	0.695	27.0	9.2	28.6	18.9	70.3	71.2	32.0	78.1	24.2	1.00	0.01	0.00	R01Y
020	41.1	0.517	0.322	1.602	-0.198	0.693	26.8	9.7	28.5	19.9	70.3	70.7	34.2	78.5	25.8	1.00	0.02	0.00	R02Y
021	41.2	0.521	0.327	1.594	-0.184	0.691	26.5	10.3	28.5	21.3	70.3	70.0	37.1	79.2	27.9	1.00	0.04	0.00	R04Y
022	41.2	0.527	0.332	1.586	-0.169	0.689	26.2	10.9	28.4	22.7	70.3	69.3	40.1	80.1	30.1	1.00	0.05	0.00	R05Y
023	41.3	0.532	0.337	1.578	-0.155	0.687	25.9	11.5	28.4	24.0	70.4	68.6	43.3	81.1	33.1	1.00	0.07	0.00	R08Y
024	41.3	0.537	0.341	1.572	-0.141	0.686	25.7	12.0	28.4	25.3	70.4	68.0	46.5	81.3	34.4	1.00	0.08	0.00	R09Y
025	41.4	0.542	0.346	1.565	-0.128	0.685	25.3	12.7	28.4	26.5	70.4	67.2	49.8	83.7	36.5	1.00	0.09	0.00	R09Y
026	41.4	0.546	0.351	1.556	-0.115	0.685	25.1	13.2	28.4	27.8	70.5	66.6	53.1	85.2	38.5	1.00	0.1	0.00	R10Y
027	41.5	0.551	0.355	1.549	-0.103	0.685	24.8	13.7	28.4	28.9	70.5	66.0	56.6	86.9	40.6	1.00	0.12	0.00	R12Y
028	41.5	0.556	0.36	1.543	-0.092	0.685	24.6	14.2	28.4	30.0	70.5	65.4	60.1	88.8	42.6	1.00	0.13	0.00	R13Y
029	41.5	0.56	0.364	1.537	-0.081	0.685	24.3	14.7	28.4	31.1	70.5	64.8	63.8	91.0	44.5	1.00	0.14	0.00	R14Y
030	41.6	0.565	0.369	1.531	-0.071	0.685	24.1	15.1	28.5	32.2	70.6	64.3	67.6	93.3	46.4	1.00	0.16	0.00	R16Y
031	41.6	0.569	0.373	1.525	-0.061	0.686	23.9	15.5	28.5	33.0	70.6	63.7	71.5	95.8	48.2	1.00	0.17	0.00	R17Y
032	41.7	0.573	0.377	1.519	-0.051	0.686	23.7	15.9	28.5	33.9	70.6	63.1	75.7	98.0	50.1	1.00	0.18	0.00	R18Y
033	41.7	0.577	0.381	1.515	-0.043	0.687	23.5	16.3	28.6	34.7	70.6	62.8	80.0	101.7	51.8	1.00	0.2	0.00	R20Y
034	41.7	0.581	0.384	1.51	-0.035	0.688	23.3	16.7	28.7	35.5	70.6	62.3	84.6	105.1	53.6	1.00	0.21	0.00	R21Y
035	41.7	0.584	0.388	1.506	-0.028	0.689	23.2	17.0	28.7	36.2	70.7	61.9	89.6	109.0	55.3	1.00	0.22	0.00	R22Y
036	41.7	0.588	0.391	1.502	-0.02	0.69	23.0	17.3	28.8	36.9	70.7	61.6	95.2	113.4	57.0	1.00	0.24	0.00	R24Y
037	41.7	0.591	0.394	1.498	-0.014	0.691	22.9	17.6	28.8	37.5	70.7	61.2	101.5	118.5	58.8	1.00	0.25	0.00	R25Y
038	41.7	0.594	0.397	1.495	-0.008	0.692	22.7	17.8	28.9	38.0	70.7	60.9	108.2	124.2	60.6	1.00	0.26	0.00	R26Y
039	41.6	0.598	0.401	1.491	0.0	0.694	22.5	18.1	28.9	38.7	70.6	60.5	112.1	135.4	63.4	1.00	0.28	0.00	R28Y
040	41.6	0.603	0.403	1.487	0.01	0.695	22.3	18.4	28.9	39.5	70.6	60.2	116.2	144.7	66.2	1.00	0.3	0.00	R29Y
041	41.3	0.593	0.406	1.458	0.0	0.699	22.0	18.8	28.9	40.5	71.7	58.6	123.3	136.3	64.8	1.00	0.3	0.00	R30Y
042	44.2	0.59	0.409	1.44	0.0	0.655	21.6	19.2	29.0	41.5	72.3	56.0	124.4	136.7	65.5	1.00	0.32	0.00	R32Y
043	45.1	0.587	0.412	1.423	0.0	0.642	21.3	19.6	29.0	42.6	73.3	55.2	125.4	137.0	66.2	1.00	0.33	0.00	R33Y
044	46.1	0.584	0.415	1.405	0.0	0.63	21.0	20.0	29.0	43.6	73.6	53.8	126.4	137.4	66.9	1.00	0.34	0.00	R34Y
045	47.1	0.581	0.418	1.388	0.0	0.617	20.6	20.5	29.1	44.7	74.2	52.4	127.3	137.7	67.6	1.00	0.36	0.00	R36Y
046	48.1	0.578	0.421	1.372	0.0	0.606	20.3	20.9	29.1	45.8	74.9	51.0	128.2	138.0	68.2	1.00	0.37	0.00	R37Y
047	49.1	0.575	0.424	1.356	0.0	0.595	19.9	21.3	29.2	46.9	75.5	49.7	129.0	138.3	68.9	1.00	0.38	0.00	R38Y
048	50.6	0.572	0.426	1.342	0.0	0.585	19.6	21.7	29.3	47.9	76.1	48.3	129.8	138.5	69.5	1.00	0.4	0.00	R40Y
049	51.0	0.569	0.429	1.326	0.0	0.575	19.2	22.2	29.3	49.1	76.7	47.0	130.7	138.9	70.2	1.00	0.41	0.00	R41Y
050	51.9	0.567	0.434	1.312	0.0	0.565	18.8	22.6	29.4	50.2	77.2	45.6	131.6	139.3	70.8	1.00	0.42	0.00	R42Y
051	52.8	0.564	0.432	1.299	0.0	0.557	18.4	22.9	29.4	51.2	77.7	44.4	132.3	139.6	71.4	1.00	0.43	0.00	R43Y
052	53.5	0.562	0.436	1.287	0.0	0.55	18.0	23.2	29.4	52.1	78.2	43.2	133.0	139.9	71.9	1.00	0.45	0.00	R45Y
053	54.2	0.56	0.438	1.276	0.0	0.543	17.7	23.6	29.5	53.1	78.6	42.1	133.6	140.1	72.5	1.00	0.46	0.00	R46Y
054	54.9	0.558	0.44	1.265	0.0	0.537	17.3	23.8	29.5	54.0	79.0	41.0	134.2	140.4	73.0	1.00	0.47	0.00	R47Y
055	55.6	0.555	0.443	1.254	0.0	0.53	16.9	24.2	29.5	54.9	79.4	39.9	134.8	140.6	73.5	1.00	0.49	0.00	R49Y
056	56.4	0.553	0.445	1.243	-0.001	0.524	16.5	24.5	29.5	55.9	79.8	38.7	135.5	140.9	74.0	1.00	0.5	0.00	R50Y
057	57.1	0.551	0.447	1.233	-0.001	0.518	16.1	24.8	29.6	56.9	80.2	37.6	136.1	141.2	74.5	1.00	0.51	0.00	R51Y
058	57.9	0.549	0.449	1.222	-0.001	0.512	15.7	25.1	29.6	57.9	80.7	36.4	136.7	141.4	75.0	1.00	0.53	0.00	R53Y
059	58.6	0.547	0.451	1.211	-0.001	0.507	15.3	25.4	29.7	58.9	81.1	35.3	137.2	141.7	75.5	1.00	0.54	0.00	R54Y
060	59.4	0.545	0.453	1.201	-0.001	0.501	14.9	25.8	29.8	59.9	81.5	34.1	137.8	142.0	76.0	1.00	0.55	0.00	R55Y
061	60.1	0.542	0.455	1.191	-0.001	0.496	14.4	26.1	29.8	60.9	81.9	33.0	138.3	142.2	76.5	1.00	0.57	0.00	R57Y
062	60.7	0.541	0.457	1.183	-0.001	0.492	14.1	26.3	29.9										

rgb_{ABCAB} and CIE-Daten eines Elementar-Bunttonkreises nach CIE RI-47 für Ostwald-Farben für CIE-Lichtart D65

Xyy, abc_{AB}, ABC_{AB}, LabC_{ab} at_{lab}-Daten für relative Stufung des Elementarbuntons h_{AB} von LINYAB für CIE-2-Grad Beobachter

Elementar-Bunttonkreis mit 4 Ziel-Elementar-Buntonwinkeln: h_{AB} = 17.7, 93.3, 159.1, 270.8 von LINYAB und 90, 120, 150, 180 (Z) Bunttonwinkel:

Table with 32 columns: no., n0, aB, Y, x, L, Y, L, X, Y, a, b, c, aB, A, B, h, C, hAB, L*, a*, b*, C*, h, hAB, rgb, a, B, Code. It contains 100 rows of data for color calibration.

CIE XYZ-Daten von CIE-Testfarben 9 (R): 20.6 11.2 4.3, 10 (Y): 54.8 59.0 12.0, 11 (G): 12.1 20.3 15.2, 12 (B): 6.2 6.4 27.6

rgb_{AB}^{CAB} and CIE-Daten eines Elementar-Bunttonkreises nach CIE RI-47 für Ostwald-Farben für CIE-Lichtart D65

Xyy_{AB} C_{AB} ABC_{AB} LabC_{AB} a_b h_{AB}-Daten zu relative Stufung des Elementarbunttons h_{AB} von LINYAB für CIE-2-Grad Beobachter

Elementar-Bunttonkreis mit 4 Ziel-Elementar-Bunttonwinkeln: h_{AB} = 17,7, 93,3, 159,1, 270,8 von LINYAB und 2,0 Ziel-Bunttonwinkeln:

180, 181, ..., 269, LINYAB-Daten CIE-Testfarben 9 (R): 11.2 9.9 3.1, 10 (Y): 59.0 -1.2 20.9, 11 (G): 20.3 -1.2 20.0, 12 (B): 6.4 0.1 -8.2

no.	AB ^Y	x ₆₉	LINYAB	a	b	C _{AB} A	B	C _{AB} 10 (Y)	h _{AB}	L*	a*	b*	C _{AB} 11 (G)	h _{AB}	rgb _{AB}	Code _{AB}			
180	59.2	0.167	0.404	0.415	-0.423	0.535	-31.6	0.7	31.6	178.7	81.4	-101.1	1.5	101.1	179.1	0.00	1.00	0.37	G18B
181	59.1	0.167	0.399	0.419	-0.432	0.531	-31.4	0.1	31.4	179.6	81.4	-100.1	0.4	100.1	179.0	0.00	1.00	0.39	G19B
182	59.1	0.167	0.395	0.423	-0.441	0.527	-31.1	-0.3	31.2	180.6	81.3	-99.2	-0.7	99.2	180.4	0.00	1.00	0.4	G20B
183	59.1	0.167	0.391	0.427	-0.45	0.523	-30.9	-0.8	30.9	181.6	81.3	-98.2	-1.8	98.2	181.0	0.00	1.00	0.42	G21B
184	59.1	0.167	0.387	0.431	-0.459	0.52	-30.7	-1.4	30.7	182.6	81.3	-97.2	-3.0	97.2	181.7	0.00	1.00	0.44	G22B
185	59.1	0.166	0.383	0.434	-0.468	0.516	-30.4	-1.9	30.5	183.6	81.3	-96.2	-4.1	96.3	182.4	0.00	1.00	0.46	G23B
186	59.0	0.166	0.379	0.438	-0.477	0.513	-30.2	-2.4	30.3	184.7	81.3	-95.2	-5.2	95.3	183.1	0.00	1.00	0.48	G24B
187	59.0	0.166	0.375	0.442	-0.486	0.51	-29.9	-3.0	30.1	185.7	81.3	-94.2	-6.3	94.4	183.8	0.00	1.00	0.49	G25B
188	59.0	0.166	0.372	0.445	-0.495	0.507	-29.7	-3.6	30.2	186.7	81.3	-93.2	-7.4	93.5	184.5	0.00	1.00	0.51	G26B
189	59.0	0.166	0.368	0.45	-0.505	0.504	-29.4	-4.1	29.7	187.8	81.3	-92.2	-8.4	92.6	185.2	0.00	1.00	0.53	G27B
190	59.0	0.166	0.364	0.454	-0.514	0.501	-29.2	-4.6	29.6	189.0	81.2	-91.3	-9.5	91.8	185.9	0.00	1.00	0.55	G28B
191	58.9	0.165	0.361	0.458	-0.523	0.499	-28.9	-5.1	29.4	190.1	81.2	-90.3	-10.5	90.9	186.6	0.00	1.00	0.57	G28B
192	58.9	0.165	0.357	0.462	-0.532	0.497	-28.7	-5.6	29.3	191.2	81.2	-89.3	-11.5	90.1	187.3	0.00	1.00	0.58	G29B
193	58.9	0.165	0.354	0.466	-0.541	0.495	-28.5	-6.2	29.1	192.3	81.2	-88.4	-12.5	89.3	188.0	0.00	1.00	0.6	G30B
194	58.9	0.165	0.351	0.47	-0.55	0.493	-28.2	-6.7	29.0	193.4	81.2	-87.4	-13.5	88.5	188.8	0.00	1.00	0.62	G31B
195	58.9	0.165	0.348	0.474	-0.558	0.491	-28.0	-7.2	28.9	194.5	81.2	-86.5	-14.5	87.7	189.5	0.00	1.00	0.64	G32B
196	58.8	0.165	0.345	0.48	-0.565	0.489	-27.8	-7.7	28.8	195.6	81.2	-85.6	-15.5	86.9	190.2	0.00	1.00	0.65	G33B
197	58.8	0.165	0.342	0.482	-0.576	0.488	-27.5	-8.2	28.7	196.7	81.2	-84.7	-16.5	86.3	190.9	0.00	1.00	0.67	G33B
198	58.8	0.164	0.339	0.486	-0.584	0.487	-27.3	-8.7	28.6	197.8	81.2	-83.8	-17.2	85.6	191.6	0.00	1.00	0.69	G34B
199	58.8	0.164	0.336	0.49	-0.593	0.486	-27.0	-9.2	28.6	198.9	81.1	-82.9	-18.1	84.9	192.3	0.00	1.00	0.71	G35B
200	58.8	0.164	0.333	0.493	-0.601	0.485	-26.8	-9.7	28.5	199.9	81.1	-82.1	-19.0	84.2	193.0	0.00	1.00	0.73	G36B
201	58.7	0.164	0.33	0.498	-0.611	0.485	-26.5	-10.3	28.5	201.0	81.1	-81.0	-20.0	83.4	193.9	0.00	1.00	0.74	G37B
202	58.7	0.164	0.326	0.503	-0.622	0.484	-26.2	-10.9	28.4	202.0	81.1	-79.9	-21.1	82.6	194.8	0.00	1.00	0.76	G38B
203	58.6	0.164	0.323	0.507	-0.634	0.484	-25.9	-11.5	28.4	203.0	81.1	-78.8	-22.1	81.9	195.7	0.00	1.00	0.78	G39B
204	58.6	0.163	0.321	0.513	-0.643	0.483	-25.6	-12.1	28.4	204.0	81.1	-77.7	-23.1	81.2	196.6	0.00	1.00	0.8	G40B
205	58.5	0.164	0.317	0.516	-0.652	0.484	-25.3	-12.7	28.4	205.0	81.1	-76.8	-24.1	80.5	197.4	0.00	1.00	0.82	G41B
206	58.5	0.164	0.314	0.521	-0.661	0.485	-25.1	-13.2	28.4	206.0	81.0	-75.9	-25.0	79.9	198.2	0.00	1.00	0.83	G41B
207	58.4	0.164	0.312	0.525	-0.67	0.486	-24.8	-13.7	28.4	208.0	81.0	-75.0	-25.9	79.3	199.0	0.00	1.00	0.85	G42B
208	58.4	0.163	0.309	0.529	-0.679	0.486	-24.6	-14.2	28.4	210.0	80.9	-74.1	-26.7	78.8	199.8	0.00	1.00	0.87	G43B
209	58.4	0.163	0.307	0.532	-0.687	0.487	-24.3	-14.7	28.4	211.0	80.9	-73.3	-27.4	78.2	200.5	0.00	1.00	0.89	G44B
210	58.3	0.163	0.305	0.536	-0.695	0.488	-24.1	-15.1	28.5	212.1	80.9	-72.5	-28.1	77.8	201.2	0.00	1.00	0.91	G45B
211	58.3	0.163	0.303	0.539	-0.702	0.489	-23.9	-15.5	28.5	213.0	80.9	-71.7	-28.8	77.3	201.9	0.00	1.00	0.92	G46B
212	58.3	0.163	0.301	0.543	-0.71	0.49	-23.7	-15.9	28.6	214.0	80.9	-71.0	-29.5	76.8	202.6	0.00	1.00	0.94	G47B
213	58.2	0.163	0.299	0.546	-0.716	0.492	-23.5	-16.3	28.6	214.7	80.9	-70.3	-30.1	76.5	203.1	0.00	1.00	0.96	G48B
214	58.2	0.163	0.298	0.549	-0.722	0.493	-23.3	-16.7	28.7	215.5	80.8	-69.7	-30.6	76.1	203.7	0.00	1.00	0.98	G49B
215	58.2	0.163	0.296	0.552	-0.727	0.494	-23.2	-17.0	28.7	216.2	80.8	-69.1	-31.1	75.8	204.2	0.00	0.99	1.00	G50B
216	58.2	0.163	0.295	0.554	-0.733	0.495	-23.0	-17.3	28.8	216.9	80.8	-68.6	-31.6	75.5	204.7	0.00	0.98	1.00	G50B
217	58.2	0.163	0.293	0.557	-0.737	0.496	-22.9	-17.6	28.8	217.5	80.8	-68.1	-32.0	75.2	205.2	0.00	0.96	1.00	G51B
218	58.2	0.163	0.292	0.559	-0.742	0.497	-22.7	-17.8	28.9	218.0	80.8	-67.6	-32.4	75.0	205.6	0.00	0.94	1.00	G52B
219	58.2	0.164	0.291	0.563	-0.746	0.496	-22.5	-18.1	28.9	218.7	80.8	-66.8	-32.8	74.4	206.2	0.00	0.92	1.00	G53B
220	58.1	0.164	0.29	0.567	-0.75	0.497	-22.3	-18.4	29.0	219.4	80.8	-66.1	-33.2	74.1	206.7	0.00	0.91	1.00	G54B
221	56.6	0.161	0.287	0.562	-0.768	0.511	-22.0	-18.8	28.9	220.5	80.0	-66.4	-34.4	74.0	207.4	0.00	0.89	1.00	G55B
222	55.7	0.159	0.284	0.561	-0.78	0.52	-21.6	-19.2	29.0	221.5	79.4	-66.2	-35.3	73.5	208.0	0.00	0.87	1.00	G56B
223	54.8	0.158	0.281	0.56	-0.794	0.529	-21.3	-19.6	29.0	222.6	78.9	-65.9	-36.2	73.5	208.8	0.00	0.85	1.00	G57B
224	53.8	0.156	0.279	0.56	-0.808	0.54	-21.0	-20.0	29.0	223.6	78.3	-65.7	-37.2	75.3	209.5	0.00	0.83	1.00	G58B
225	52.8	0.154	0.276	0.559	-0.823	0.551	-20.6	-20.5	29.1	224.7	77.7	-65.4	-38.2	75.8	210.2	0.00	0.82	1.00	G58B
226	51.8	0.152	0.273	0.558	-0.839	0.562	-20.3	-20.9	29.1	225.7	77.2	-65.2	-39.2	76.1	211.0	0.00	0.8	1.00	G59B
227	50.9	0.15	0.27	0.557	-0.855	0.574	-20.0	-21.3	29.2	226.9	76.6	-64.9	-40.2	76.4	211.8	0.00	0.78	1.00	G59B
228	49.9	0.149	0.267	0.557	-0.871	0.587	-19.6	-21.7	29.3	227.9	76.0	-64.6	-41.2	76.6	212.6	0.00	0.76	1.00	G61B
229	48.9	0.147	0.264	0.557	-0.889	0.6	-19.2	-22.2	29.3	229.1	75.4	-64.1	-42.3	76.8	213.4	0.00	0.74	1.00	G62B
230	48.0	0.146	0.261	0.558	-0.906	0.612	-18.8	-22.6	29.4	230.2	74.8	-63.6	-43.3	76.9	214.2	0.00	0.73	1.00	G63B
231	47.1	0.144	0.258	0.559	-0.922	0.624	-18.4	-22.9	29.4	231.2	74.3	-63.0	-44.2	76.9	215.0	0.00	0.71	1.00	G64B
232	46.4	0.143	0.256	0.561	-0.937	0.635	-18.0	-23.2	29.4	232.1	73.8	-62.3	-45.0	76.9	215.8	0.00	0.69	1.00	G65B
233	45.7	0.142	0.253	0.563	-0.951	0.645	-17.7	-23.6	29.5	233.1	73.3	-61.6	-45.8	76.8	216.6	0.00	0.67	1.00	G66B
234	45.0	0.141	0.251	0.565	-0.966	0.655	-17.3	-23.8	29.5	234.0	72.9	-60.9	-46.6	76.7	217.4	0.00	0.65	1.00	G67B
235	44.3	0.141	0.248	0.567	-0.981	0.667	-16.9	-24.2	29.5	234.9	72.4	-60.1	-47.4	76.6	218.2	0.00	0.64	1.00	G67B
236	43.5	0.14	0.245	0.57	-0.998	0.679	-16.5	-24.5	29.5	235.9	71.9	-59.3	-48.3	76.5	219.1	0.00	0.62	1.00	G68B
237	42.8	0.139	0.243	0.572	-1.016	0.692	-16.1	-24.8	29.6	236.9	71.4	-58.5	-49.1	76.4	220.0	0.00	0.6	1.00	G69B
238	42.0	0.138	0.24	0.575	-1.034	0.706	-15.7	-25.1	29.6	237.9	70.9	-57.6	-50.0	76.3	220.9	0.00	0.58	1.00	G70B
239	41.3	0.137	0.237	0.579	-1.052	0.72	-15.3	-25.4	29.7	238.9	70.4	-56.6	-50.9	76.1	221.9	0.00	0.56	1.00	G71B
240	40.5	0.136	0.234	0.582	-1.071	0.734	-14.9	-25.8	29.8	239.9	69.8	-55.6	-51.8	76.0	222.9	0.00	0.55	1.00	G72B
241	39.8	0.135	0.231	0.586	-1.091	0.75	-14.4	-26.1	29.8	240.9	69.3	-54.6	-52.7	75.9	223.9	0.00	0		

rgb_{AB}^{CAB} and CIE-Daten eines Elementar-Bunttonkreises nach CIE RI-47 für Ostwald-Farben für CIE-Licht D65

X_{xy}, abc_{AB}, ABC_{AB}, LabC_{ab}^{h_{AB}}-Daten für relative Stufung des Elementarbunttonkreises von LINYAB für CIE-2-Grad Beobachter

Elementar-Bunttonkreise mit 4-Ziel-Elementar-Bunttonwinkeln: h_{AB} = 17.7, 93.3, 159.1, 270.8 von LINYAB und 90-Ziel-Bunttonwinkeln:

270, 271, ..., 360, LINYAB-Daten CIE-Testfarben 9 (R): 11.2 9.9 3.1, 10 (Y): 59.9 -1.0 2.0 9.9, 11 (G): 20.3 -0.7 2.7 12, 12 (B): 6.4 0.1 -8.2

Table with columns: no., AB^Y, x, x0, Y, a, b, C_{AB}, A, B, C_{AB}, h_{AB}, L*, a*, b*, C_{ab}, h_{ab}, rgb_{AB}^{h_{AB}}, Code_{AB}. Rows 1-360 containing numerical data for each color swatch.

CIEXYZ-Daten von CIE-Testfarben 9 (R): 2.60 11.2 4.3, 10 (Y): 54.8 59.0 12, 11 (G): 12.1 20.3 15.3, 12 (B): 6.2 6.4 27.6

Ostwald-Optimalfarben (o) von maximalem (m) C_{AB} für D65, $Y_{w,10}=100$, $Y_m=520_770$, LINYAB-Daten													%
i_1, λ_1	i_2, λ_2	Y_{100}	A_{100}	B_{100}	C_{AB}	a	b	h_{AB}	i_d, λ_d	i_c, λ_c	Code	%	
0	405	31	556	56.57	-21.89	-18.32	28.54	0.5611	-0.7532	219.9	15 476 37 585	Cm	%
6	435	31	557	57.41	-26.44	-8.79	27.86	0.4876	-0.5825	198.4	16 480 44 621		%
10	450	31	559	57.53	-32.48	6.09	33.05	0.3834	-0.3234	169.3	18 491 -1 491c		%
11	460	32	562	59.27	-33.9	10.52	35.5	0.3761	-0.2517	162.7	19 498 -1 498c		%
12	465	33	565	60.91	-34.93	14.56	37.84	0.3747	-0.1903	157.3	21 506 -1 506c		%
14	470	34	570	63.07	-35.18	20.67	40.8	0.3903	-0.1016	149.5	24 522 -1 522c		%
15	475	35	579	68.64	-33.55	24.85	41.75	0.4593	-0.0672	143.4	26 533 -1 533c	Gm	%
16	480	41	606	81.94	-23.65	31.88	39.7	0.6594	-0.0401	126.5	30 550 -1 550c		%
16	485	-1	484c	92.3	-10.45	36.33	37.8	0.8348	-0.0356	106.0	32 560 10 454		%
18	490	-1	490c	89.06	-7.57	36.55	37.33	0.863	-0.0188	101.7	32 562 11 459	max	%
19	495	-1	495c	87.05	-5.68	36.18	36.62	0.8828	-0.0136	98.9	32 563 12 461		%
19	500	-1	499c	87.05	-5.68	36.18	36.62	0.8828	-0.0136	98.9	32 563 12 461		%
22	510	-1	510c	79.1	1.43	33.55	33.58	0.9662	-0.0051	87.5	33 567 13 466		%
23	520	-1	519c	75.81	4.11	32.27	32.53	1.0024	-0.0036	82.7	33 568 13 468	Ym	%
26	530	-1	530c	64.17	12.31	27.48	30.11	1.14	-0.001	65.8	34 573 14 472		%
27	540	-1	539c	59.9	14.81	25.68	29.65	1.1955	-0.0005	60.0	35 576 14 473		%
28	545	-1	544c	55.54	17.09	23.83	29.32	1.2559	-0.0002	54.3	35 578 14 474		%
29	550	-1	549c	51.12	19.09	21.94	29.08	1.3215	-0.0001	48.9	36 580 15 475		%
31	555	-1	555c	42.37	21.98	18.19	28.53	1.4668	0.0	39.6	37 586 15 476		%
32	560	10	451	40.04	32.52	-6.18	33.11	1.7604	-0.5838	349.2	-1 492c 18 492		%
	380	770	100.0	0.0	0.0	0.0	0.01	0.9481	-0.4293	0.0			%
Ostwald-Optimalfarben (o) von maximalem (m) C_{AB} für D65, $Y_{w,10}=100$, $Y_m=770_520$, LINYAB komplementär													%
i_1, λ_1	i_2, λ_2	Y_{100}	A_{100}	B_{100}	C_{AB}	a	b	h_{AB}	i_d, λ_d	i_c, λ_c	Code	%	
31	556	0	405	43.42	21.89	18.32	28.54	1.4522	-0.0074	39.9	37 585 15 476	Rm	%
31	557	6	435	42.58	26.44	8.79	27.86	1.5691	-0.2226	18.4	44 621 16 480		%
31	559	10	450	42.46	32.48	-6.09	33.05	1.713	-0.5727	349.3	-1 491c 18 491		%
32	562	11	460	40.72	33.9	-10.52	35.5	1.7807	-0.6879	342.7	-1 498c 19 498		%
33	565	12	465	39.08	34.93	-14.56	37.84	1.8419	-0.8019	337.3	-1 506c 21 506		%
34	570	14	470	36.92	35.18	-20.67	40.8	1.901	-0.9891	329.5	-1 522c 24 522		%
35	579	15	475	31.35	33.55	-24.85	41.75	2.0184	-1.2222	323.4	-1 533c 26 533	Mm	%
41	606	16	480	18.05	23.65	-31.88	39.7	2.2587	-2.1959	306.5	-1 550c 30 550		%
-1	484c	16	485	7.69	10.45	-36.33	37.8	2.306	-5.1484	286.0	10 454 32 560		%
-1	490c	18	490	10.93	7.57	-36.55	37.33	1.6407	-3.7725	281.7	11 459 32 562	min	%
-1	495c	19	495	12.94	5.68	-36.18	36.62	1.3873	-3.2239	278.9	12 461 32 563		%
-1	499c	19	500	12.94	5.68	-36.18	36.62	1.3873	-3.2239	278.9	12 461 32 563		%
-1	510c	22	510	20.89	-1.43	-33.55	33.58	0.8795	-2.035	267.5	13 466 33 567		%
-1	519c	23	520	24.18	-4.12	-32.27	32.53	0.7777	-1.7639	262.7	13 468 33 568	Bm	%
-1	530c	26	530	35.82	-12.31	-27.48	30.11	0.6044	-1.1965	245.8	14 472 34 573		%
-1	539c	27	540	40.09	-14.81	-25.68	29.65	0.5785	-1.0699	240.0	14 473 35 576		%
-1	544c	28	545	44.45	-17.09	-23.83	29.32	0.5635	-0.9653	234.3	14 474 35 578		%
-1	549c	29	550	48.87	-19.09	-21.94	29.08	0.5575	-0.8782	228.9	15 475 36 580		%
-1	555c	31	555	57.62	-21.98	-18.19	28.53	0.5667	-0.745	219.6	15 476 37 586		%
10	451	32	560	59.95	-32.52	6.18	33.11	0.4056	-0.3261	169.2	18 492 -1 492c		%
	380	770	100.0	0.0	0.0	0.0	0.01	0.9481	-0.4293	0.0			%

rgb_{ABCAB}^{AB} and **CIE-Daten** eines **Elementar-Bunttonkreises** nach **CIE R1-47** für **Ostwald-Farben** für **CIE-Lichtart D65**

X_{xy}, Y_{xy}, Z_{xy}, a_{BCAB}, ABC_{AB}, LabC_{ab}^{ab}-Daten für relative **Stufung** des **Elementarbunttons** **H_{AB}** von **LIN_{YAB}** für **CIE-10-Grad** Beobachter

Elementar-Bunttonkreis mit 4 Ziel-Elementar-Bunttonwinkeln: h_{AB} = 18.2, 86.3, 156.2, 260.1 von L_{AB} und 90 Ziel-Bunttonwinkeln:

000, 001, ..., 089, LIN_{YAB}-Daten CIE-Testfarben 9 (R): 10.8 8.7 2.8, 10 (Y): 55.9 1.2 19.6, 11 (G): 2.0 4.0 -6.8 3.0, 12 (B): 7.8 -1.2 -7.2

no. _{AB} no. ₁₀	X ₁₀	Y ₁₀	Z ₁₀	a ₁₀	b ₁₀	c _{AB,10}	A ₁₀	B ₁₀	C _{AB,10}	H _{AB,10}	L* ₁₀	a* ₁₀	b* ₁₀	C* _{ab,10}	h _{ab,10}	rgb _{ABCAB}	Code _{AB,10}		
000	40.0	0.434	0.252	1.724	-0.497	0.779	31.0	-2.7	31.1	354.9	69.5	81.2	-7.3	81.6	354.7	1.00	0.00	0.36	#B1R
001	40.0	0.436	0.253	1.719	-0.487	0.773	30.8	-2.2	30.9	355.7	69.5	80.8	-6.3	81.1	355.5	1.00	0.00	0.34	#B2R
002	40.0	0.439	0.256	1.714	-0.476	0.768	30.7	-1.8	30.7	356.4	69.5	80.4	-5.2	80.6	356.3	1.00	0.00	0.32	#B3R
003	40.0	0.441	0.258	1.709	-0.465	0.762	30.5	-1.4	30.5	357.2	69.5	80.0	-4.0	80.1	357.1	1.00	0.00	0.3	#B4R
004	40.1	0.443	0.26	1.704	-0.454	0.757	30.3	-1.0	30.3	358.1	69.5	79.6	-2.8	79.6	357.9	1.00	0.00	0.28	#B5R
005	40.1	0.446	0.262	1.699	-0.442	0.751	30.1	-0.5	30.1	358.9	69.5	79.1	-1.5	79.1	358.8	1.00	0.00	0.26	#B6R
006	40.1	0.449	0.265	1.694	-0.431	0.745	29.9	0.0	29.9	359.8	69.5	78.7	-0.2	78.7	359.8	1.00	0.00	0.24	#B7R
007	40.1	0.451	0.267	1.688	-0.419	0.74	29.7	0.4	29.7	0.7	69.6	78.2	1.1	78.2	0.8	1.00	0.00	0.22	#B8R
008	40.2	0.454	0.27	1.683	-0.406	0.735	29.5	0.8	29.5	0.9	69.5	77.3	1.9	77.3	1.3	1.00	0.00	0.2	#B9R
009	40.2	0.457	0.272	1.676	-0.394	0.729	29.3	1.3	29.3	2.7	69.6	77.2	4.0	77.3	3.0	1.00	0.00	0.18	#B9R
010	40.2	0.46	0.275	1.67	-0.382	0.724	29.1	1.9	29.1	3.7	69.6	76.7	5.6	76.7	5.6	1.00	0.00	0.16	#B9R
011	40.3	0.463	0.278	1.664	-0.369	0.719	28.8	2.4	28.9	4.7	69.6	76.2	7.2	76.5	5.4	1.00	0.00	0.14	#B2R
012	40.3	0.467	0.281	1.658	-0.356	0.714	28.6	2.9	28.8	5.8	69.7	75.6	8.8	76.2	6.7	1.00	0.00	0.12	#B3R
013	40.3	0.47	0.284	1.652	-0.343	0.709	28.4	3.4	28.6	6.9	69.7	75.1	10.6	75.8	8.0	1.00	0.00	0.1	#B4R
014	40.4	0.474	0.288	1.645	-0.33	0.704	28.1	4.0	28.4	8.0	69.7	74.5	12.3	75.6	9.4	1.00	0.00	0.08	#B5R
015	40.4	0.477	0.291	1.639	-0.316	0.7	27.9	4.5	28.3	9.2	69.8	74.0	14.2	75.3	10.8	1.00	0.00	0.06	#B6R
016	40.4	0.48	0.294	1.633	-0.303	0.695	27.6	5.0	28.2	10.4	69.8	73.5	16.1	75.0	12.2	1.00	0.00	0.04	#B7R
017	40.5	0.485	0.298	1.625	-0.29	0.691	27.4	5.6	28.0	11.6	69.8	72.8	18.1	75.0	13.9	1.00	0.00	0.02	#B8R
018	40.6	0.489	0.302	1.618	-0.276	0.687	27.2	6.2	27.9	12.8	69.9	72.2	20.1	75.0	15.6	1.00	0.00	0.0	#B9R
019	40.6	0.493	0.305	1.611	-0.263	0.684	27.0	6.7	27.8	14.0	69.9	71.6	22.3	75.0	17.2	1.00	0.01	0.00	#R1Y
020	40.7	0.497	0.309	1.605	-0.249	0.681	26.7	7.3	27.7	15.3	70.0	71.0	24.5	75.2	19.0	1.00	0.02	0.00	#R2Y
021	40.8	0.501	0.313	1.598	-0.235	0.678	26.5	7.8	27.6	16.5	70.0	70.4	26.8	75.4	20.8	1.00	0.04	0.00	#R4Y
022	40.8	0.505	0.317	1.591	-0.222	0.675	26.2	8.4	27.6	17.8	70.0	69.8	29.2	75.7	22.6	1.00	0.05	0.00	#R5Y
023	40.9	0.509	0.321	1.583	-0.208	0.673	26.0	9.0	27.5	19.1	70.1	69.2	31.7	76.1	24.6	1.00	0.06	0.00	#R6Y
024	40.9	0.514	0.324	1.576	-0.195	0.67	25.7	9.6	27.5	20.4	70.1	68.6	34.3	76.4	26.7	1.00	0.08	0.00	#R7Y
025	41.0	0.519	0.33	1.569	-0.181	0.669	25.5	10.1	27.4	21.7	70.2	68.0	37.0	77.4	28.5	1.00	0.09	0.00	#R9Y
026	41.1	0.523	0.335	1.562	-0.168	0.667	25.2	10.7	27.4	23.0	70.2	67.3	39.8	78.2	30.6	1.00	0.11	0.00	#R11Y
027	41.2	0.528	0.339	1.555	-0.155	0.666	25.0	11.3	27.4	24.3	70.3	66.7	42.8	79.3	32.6	1.00	0.12	0.00	#R12Y
028	41.2	0.533	0.344	1.548	-0.141	0.665	24.7	11.8	27.4	25.6	70.3	66.1	45.9	80.5	34.8	1.00	0.14	0.00	#R14Y
029	41.3	0.538	0.349	1.541	-0.128	0.664	24.5	12.4	27.5	26.8	70.4	65.4	49.2	81.9	36.9	1.00	0.15	0.00	#R15Y
030	41.4	0.543	0.354	1.533	-0.115	0.664	24.2	13.0	27.5	28.1	70.4	64.8	52.7	83.6	39.1	1.00	0.17	0.00	#R17Y
031	41.5	0.548	0.359	1.526	-0.102	0.664	24.0	13.5	27.6	29.4	70.5	64.2	56.5	85.5	41.3	1.00	0.18	0.00	#R18Y
032	41.6	0.553	0.364	1.519	-0.089	0.664	23.7	14.1	27.6	30.7	70.6	63.6	60.3	87.3	43.6	1.00	0.2	0.00	#R20Y
033	41.7	0.558	0.369	1.512	-0.077	0.665	23.5	14.6	27.7	31.9	70.6	62.9	64.9	90.4	45.8	1.00	0.22	0.00	#R21Y
034	41.8	0.564	0.374	1.505	-0.065	0.665	23.3	15.2	27.8	33.1	70.7	62.3	69.7	93.5	48.2	1.00	0.23	0.00	#R23Y
035	41.9	0.569	0.38	1.498	-0.053	0.666	23.0	15.7	27.9	34.3	70.8	61.6	75.0	97.1	50.5	1.00	0.24	0.00	#R24Y
036	41.9	0.574	0.385	1.491	-0.041	0.667	22.8	16.3	28.0	35.5	70.8	61.0	81.1	101.5	53.0	1.00	0.26	0.00	#R26Y
037	42.0	0.58	0.39	1.484	-0.029	0.669	22.5	16.8	28.1	36.6	70.9	60.4	88.4	107.1	55.6	1.00	0.27	0.00	#R27Y
038	42.2	0.585	0.396	1.477	-0.017	0.67	22.3	17.3	28.3	37.8	71.0	59.7	97.8	114.6	58.5	1.00	0.29	0.00	#R29Y
039	42.3	0.591	0.401	1.471	-0.006	0.672	22.1	17.8	28.4	38.9	71.0	59.1	111.4	126.1	62.0	1.00	0.3	0.00	#R30Y
040	42.4	0.597	0.409	1.464	-0.007	0.674	21.8	18.6	28.4	40.1	71.1	58.3	123.6	133.7	65.1	1.00	0.31	0.00	#R31Y
041	43.5	0.602	0.419	1.435	0.02	0.663	21.2	19.5	28.8	42.7	71.9	56.2	159.4	169.0	70.5	1.00	0.33	0.00	#R33Y
042	44.4	0.604	0.426	1.416	0.029	0.655	20.7	20.3	29.0	44.4	72.5	54.5	175.2	183.5	72.7	1.00	0.34	0.00	#R34Y
043	45.3	0.603	0.431	1.397	0.032	0.644	20.4	20.9	29.2	45.5	73.1	53.0	183.4	190.9	73.8	1.00	0.36	0.00	#R36Y
044	46.3	0.6	0.434	1.381	0.032	0.633	20.0	21.3	29.3	46.7	73.7	51.7	184.9	192.0	74.3	1.00	0.37	0.00	#R37Y
045	47.3	0.595	0.435	1.366	0.028	0.62	19.8	21.6	29.3	47.5	74.3	50.5	180.9	187.8	74.4	1.00	0.39	0.00	#R39Y
046	48.2	0.589	0.435	1.353	0.022	0.607	19.5	21.8	29.3	48.1	75.0	49.4	172.5	179.5	74.0	1.00	0.4	0.00	#R40Y
047	49.2	0.582	0.434	1.341	0.015	0.594	19.3	21.9	29.2	48.5	75.6	48.4	160.8	167.9	73.7	1.00	0.42	0.00	#R42Y
048	50.2	0.575	0.432	1.331	0.007	0.581	19.1	21.9	29.1	48.7	76.2	47.5	146.8	154.3	73.2	1.00	0.43	0.00	#R43Y
049	51.1	0.569	0.43	1.321	0.0	0.568	19.0	21.9	29.0	49.0	76.7	46.7	132.1	140.1	70.5	1.00	0.45	0.00	#R45Y
050	52.1	0.566	0.433	1.306	0.0	0.559	18.6	22.3	29.1	50.1	77.3	45.3	130.3	140.6	71.1	1.00	0.46	0.00	#R46Y
051	53.0	0.563	0.436	1.292	0.0	0.55	18.2	22.7	29.2	51.2	77.9	44.0	134.0	141.0	71.7	1.00	0.48	0.00	#R48Y
052	53.8	0.561	0.438	1.281	0.0	0.543	17.9	23.1	29.2	52.1	78.3	42.9	134.7	141.4	72.3	1.00	0.49	0.00	#R49Y
053	54.6	0.559	0.44	1.269	0.0	0.536	17.5	23.4	29.2	53.1	78.8	41.8	135.4	141.7	72.8	1.00	0.51	0.00	#R51Y
054	55.3	0.557	0.442	1.259	0.0	0.53	17.2	23.7	29.3	54.0	79.2	40.7	135.9	141.9	73.3	1.00	0.52	0.00	#R52Y
055	56.0	0.555	0.444	1.248	0.0	0.523	16.8	24.0	29.3	54.9	79.6	39.6	136.6	142.2	73.8	1.00	0.53	0.00	#R53Y
056	56.8	0.552	0.446	1.237	0.0	0.517	16.4	24.3	29.4	55.9	80.0	38.4	137.2	142.5	74.3	1.00	0.55	0.00	#R55Y
057	57.5	0.55	0.448	1.227	0.0	0.511	16.0	24.7	29.4	56.9	80.5	37.3	137.8	142.8	74.8	1.00	0.56	0.00	#R56Y
058	58.3	0.548	0.45	1.216	0.0	0.505	15.6	25.0	29.5	57.9	80.9	36.1	138.4	143.1	75.3	1.00	0.58	0.00	#R58Y
059	59.1	0.546	0.453	1.205	0.0	0.5	15.2	25.3	29.5	58.9	81.3	35.0	139.0	143.4	75.8	1.00	0.59	0.00	#R59Y
060	59.8	0.544	0.455	1.195	0.0	0.495	14.8	25.6	29.6	59.9	81.7	33.8	139.6	143.6	76.3	1.00	0.61	0.00	#R61Y
061	60.4	0.542	0.456	1.189	0.0	0.491	14.5	25.9</											

rgb_{AB}^{CAB} and CIE-Daten eines Elementar-Buntnkreis nach CIE R1-47 für Ostwald-Farben für CIE-Lichtart D65

X_{xy}, abc_{AB}, ABC_{AB}, LabC_{ab}^{hAB}-Daten für relative Stufung des Elementar buntns h_{AB} von LINYAB für CIE-10-Grad Beobachter

Elementar-Buntnkreis mit 4 Ziel-Elementar-Buntnwinkeln: h_{AB} = 18.2, 86.3, 156.2, 260.1 von LINYAB und 90 Ziel-Buntnwinkeln:

180, 181, ..., 260, LINYAB-Daten CIE-Testfarben 9 (R): 10.8 8.7 2.8, 10 (Y): 55.9 1.2 19.6, 11 (G): 20.4 -6.8 3.0, 12 (B): 7.8 -1.2 -7.2

no.	AB ₁₀₀	x ₁₀	y ₁₀	z ₁₀	b ₁₀	c _{AB10}	A ₁₀	B ₁₀	C _{AB10}	h _{AB10}	L* ₁₀	a* ₁₀	b* ₁₀	C*	h ₁₀	rgb _{AB}	7.8-1.2-7.2	Code	h _{AB10}		
180	41.8	0.485	0.304	1.593	-0.274	0.664	27.0	6.4	27.7	13.4	70.7	70.6	20.6	73.6	16.2	0.0	1.00	0.45	G22B	180	
181	41.8	0.485	0.304	1.595	-0.276	0.664	27.0	6.3	27.7	13.2	70.7	70.7	20.3	73.6	16.0	0.0	1.00	0.47	G23B	181	
182	41.7	0.484	0.303	1.596	-0.279	0.665	27.0	6.2	27.8	13.0	70.7	70.8	19.9	73.6	15.7	0.0	1.00	0.49	G24B	182	
183	41.7	0.484	0.302	1.597	-0.281	0.665	27.1	6.1	27.8	12.8	70.7	70.9	19.6	73.6	15.4	0.0	1.00	0.51	G25B	183	
184	41.7	0.483	0.302	1.598	-0.283	0.666	27.1	6.0	27.8	12.6	70.7	71.0	19.3	73.6	15.2	0.0	1.00	0.53	G26B	184	
185	41.7	0.482	0.301	1.599	-0.285	0.667	27.2	6.0	27.8	12.4	70.7	71.1	19.0	73.6	14.9	0.0	1.00	0.55	G27B	185	
186	41.7	0.482	0.301	1.6	-0.287	0.667	27.2	5.9	27.8	12.2	70.7	71.2	18.6	73.6	14.6	0.0	1.00	0.57	G28B	186	
187	41.7	0.481	0.3	1.601	-0.289	0.668	27.2	5.8	27.9	12.0	70.6	71.3	18.3	73.6	14.4	0.0	1.00	0.59	G29B	187	
188	41.7	0.481	0.299	1.603	-0.291	0.669	27.3	5.7	27.9	11.8	70.6	71.4	18.0	73.6	14.2	0.0	1.00	0.61	G30B	188	
189	41.7	0.48	0.299	1.604	-0.294	0.669	27.3	5.6	27.9	11.6	70.6	71.5	17.7	73.7	13.9	0.0	1.00	0.63	G31B	189	
190	41.6	0.479	0.298	1.605	-0.296	0.67	27.4	5.5	27.9	11.4	70.6	71.6	17.3	73.7	13.6	0.0	1.00	0.64	G32B	190	
191	41.6	0.479	0.298	1.606	-0.298	0.671	27.4	5.4	27.9	11.2	70.6	71.7	17.0	73.7	13.3	0.0	1.00	0.66	G33B	191	
192	41.6	0.478	0.297	1.607	-0.3	0.672	27.4	5.3	28.0	11.0	70.6	71.8	16.7	73.7	13.1	0.0	1.00	0.68	G34B	192	
193	41.6	0.478	0.297	1.608	-0.302	0.672	27.5	5.2	28.0	10.8	70.6	71.9	16.4	73.8	12.8	0.0	1.00	0.7	G35B	193	
194	41.6	0.477	0.296	1.609	-0.304	0.673	27.5	5.1	28.0	10.6	70.6	72.0	16.1	73.8	12.6	0.0	1.00	0.72	G36B	194	
195	41.6	0.476	0.296	1.611	-0.306	0.674	27.6	5.1	28.0	10.4	70.6	72.1	15.8	73.8	12.3	0.0	1.00	0.74	G37B	195	
196	41.6	0.475	0.295	1.613	-0.308	0.675	27.6	5.0	28.0	10.2	70.6	72.2	15.5	73.8	12.0	0.0	1.00	0.76	G38B	196	
197	41.6	0.475	0.294	1.613	-0.311	0.675	27.6	4.9	28.1	10.0	70.6	72.3	15.1	73.9	11.8	0.0	1.00	0.78	G39B	197	
198	41.5	0.475	0.294	1.614	-0.313	0.676	27.7	4.8	28.1	9.8	70.6	72.4	14.8	73.9	11.6	0.0	1.00	0.8	G40B	198	
199	41.5	0.474	0.293	1.615	-0.315	0.677	27.7	4.7	28.1	9.6	70.5	72.5	14.5	74.0	11.3	0.0	1.00	0.82	G41B	199	
200	41.5	0.474	0.293	1.616	-0.317	0.677	27.7	4.6	28.1	9.4	70.5	72.6	14.2	74.0	11.1	0.0	1.00	0.84	G42B	200	
201	41.5	0.473	0.292	1.617	-0.319	0.678	27.8	4.5	28.2	9.3	70.5	72.7	13.9	74.0	10.8	0.0	1.00	0.86	G43B	201	
202	41.5	0.472	0.292	1.619	-0.321	0.679	27.8	4.4	28.2	9.1	70.5	72.8	13.6	74.1	10.6	0.0	1.00	0.88	G44B	202	
203	41.5	0.472	0.291	1.62	-0.323	0.68	27.9	4.3	28.2	8.9	70.5	72.9	13.3	74.1	10.3	0.0	1.00	0.91	G45B	203	
204	41.5	0.471	0.291	1.621	-0.325	0.681	27.9	4.2	28.2	8.7	70.5	73.0	13.0	74.1	10.0	0.0	1.00	0.92	G46B	204	
205	41.5	0.471	0.29	1.622	-0.328	0.681	27.9	4.2	28.3	8.5	70.5	73.1	12.7	74.2	9.9	0.0	1.00	0.93	G46B	205	
206	41.5	0.47	0.289	1.623	-0.33	0.682	28.0	4.1	28.3	8.3	70.5	73.2	12.4	74.2	9.6	0.0	1.00	0.95	G47B	206	
207	41.4	0.47	0.289	1.624	-0.332	0.683	28.0	4.0	28.3	8.1	70.5	73.3	12.1	74.3	9.4	0.0	1.00	0.97	G48B	207	
208	41.4	0.469	0.288	1.625	-0.334	0.684	28.1	3.9	28.3	7.9	70.5	73.4	11.9	74.3	9.2	0.0	1.00	0.99	G49B	208	
209	41.4	0.469	0.288	1.626	-0.336	0.685	28.1	3.8	28.4	7.7	70.5	73.5	11.6	74.4	8.9	0.0	1.00	0.98	1.00	G50B	209
210	41.4	0.468	0.287	1.628	-0.338	0.686	28.1	3.7	28.4	7.5	70.4	73.6	11.3	74.4	8.7	0.0	1.00	0.96	1.00	G51B	210
211	41.4	0.467	0.287	1.629	-0.34	0.686	28.2	3.6	28.4	7.4	70.4	73.7	11.0	74.5	8.5	0.0	1.00	0.94	1.00	G52B	211
212	41.4	0.467	0.286	1.631	-0.342	0.687	28.2	3.5	28.4	7.2	70.4	73.8	10.7	74.5	8.2	0.0	1.00	0.92	1.00	G53B	212
213	41.4	0.466	0.286	1.631	-0.345	0.688	28.3	3.4	28.5	7.0	70.4	73.9	10.4	74.6	8.0	0.0	1.00	0.9	1.00	G54B	213
214	41.4	0.466	0.285	1.632	-0.347	0.689	28.3	3.4	28.5	6.8	70.4	73.9	10.1	74.6	7.8	0.0	1.00	0.88	1.00	G55B	214
215	41.3	0.465	0.285	1.633	-0.349	0.69	28.3	3.3	28.5	6.6	70.4	74.0	9.9	74.7	7.6	0.0	1.00	0.86	1.00	G56B	215
216	41.3	0.465	0.284	1.634	-0.351	0.691	28.4	3.2	28.5	6.4	70.4	74.1	9.6	74.8	7.3	0.0	1.00	0.84	1.00	G57B	216
217	41.3	0.464	0.284	1.635	-0.353	0.692	28.4	3.1	28.6	6.2	70.4	74.2	9.3	74.8	7.1	0.0	1.00	0.83	1.00	G58B	217
218	41.3	0.464	0.283	1.637	-0.355	0.692	28.4	3.0	28.6	6.1	70.4	74.3	9.0	74.9	6.9	0.0	1.00	0.81	1.00	G59B	218
219	41.3	0.463	0.283	1.638	-0.357	0.693	28.5	2.9	28.6	5.9	70.4	74.4	8.7	74.9	6.7	0.0	1.00	0.79	1.00	G60B	219
220	41.3	0.463	0.282	1.639	-0.359	0.693	28.5	2.9	28.7	5.7	70.4	74.5	8.5	74.9	6.5	0.0	1.00	0.77	1.00	G61B	220
221	41.3	0.462	0.282	1.64	-0.361	0.695	28.6	2.7	28.7	5.5	70.4	74.6	8.2	75.1	6.2	0.0	1.00	0.75	1.00	G62B	221
222	41.3	0.462	0.281	1.641	-0.364	0.696	28.6	2.6	28.7	5.3	70.3	74.7	7.9	75.1	6.0	0.0	1.00	0.73	1.00	G63B	222
223	41.2	0.461	0.281	1.642	-0.366	0.697	28.6	2.6	28.8	5.2	70.3	74.8	7.7	75.2	5.8	0.0	1.00	0.71	1.00	G64B	223
224	41.2	0.461	0.28	1.643	-0.368	0.698	28.7	2.5	28.8	5.0	70.3	74.9	7.4	75.3	5.6	0.0	1.00	0.69	1.00	G65B	224
225	41.2	0.46	0.28	1.644	-0.37	0.699	28.7	2.4	28.8	4.8	70.3	75.0	7.1	75.3	5.4	0.0	1.00	0.67	1.00	G66B	225
226	41.2	0.46	0.279	1.646	-0.372	0.7	28.7	2.3	28.8	4.6	70.3	75.1	6.8	75.4	5.2	0.0	1.00	0.65	1.00	G67B	226
227	41.2	0.459	0.279	1.647	-0.374	0.701	28.8	2.2	28.8	4.4	70.3	75.2	6.6	75.5	5.0	0.0	1.00	0.63	1.00	G68B	227
228	41.2	0.459	0.278	1.648	-0.376	0.702	28.8	2.1	28.9	4.3	70.3	75.3	6.3	75.5	4.8	0.0	1.00	0.61	1.00	G69B	228
229	41.2	0.458	0.278	1.649	-0.378	0.703	28.9	2.0	28.9	4.1	70.3	75.4	6.1	75.6	4.6	0.0	1.00	0.59	1.00	G70B	229
230	41.2	0.458	0.277	1.65	-0.38	0.704	28.9	2.0	29.0	3.9	70.3	75.5	5.8	75.7	4.4	0.0	1.00	0.57	1.00	G71B	230
231	41.2	0.457	0.277	1.651	-0.382	0.705	28.9	1.9	29.0	3.7	70.3	75.6	5.5	75.8	4.2	0.0	1.00	0.56	1.00	G71B	231
232	41.1	0.457	0.276	1.652	-0.384	0.706	29.0	1.8	29.0	3.6	70.3	75.7	5.3	75.8	4.0	0.0	1.00	0.54	1.00	G72B	232
233	41.1	0.456	0.276	1.653	-0.386	0.707	29.0	1.7	29.1	3.4	70.3	75.6	5.0	75.9	3.8	0.0	1.00	0.52	1.00	G73B	233
234	41.1	0.456	0.275	1.654	-0.388	0.708	29.0	1.6	29.1	3.2	70.2	75.8	4.8	76.0	3.6	0.0	1.00	0.5	1.00	G74B	234
235	41.1	0.455	0.275	1.656	-0.39	0.709	29.1	1.5	29.1	3.1	70.2	75.9	4.5	76.1	3.4	0.0	1.00	0.48	1.00	G75B	235
236	41.1	0.455	0.274	1.657	-0.393	0.71	29.1	1.4	29.2	2.9	70.2	76.0	4.3	76.1	3.2	0.0	1.00	0.46	1.00	G76B	236
237	41.1	0.454	0.274	1.658	-0.395	0.711	29.2	1.4	29.2	2.7	70.2	76.1	4.0	76.2	3.0	0.0	1.00	0.44	1.00	G77B	237
238	41.1	0.454	0.273	1.659	-0.397	0.712	29.2	1.3	29.2	2.5	70.2	76.2	3.8	76.3	2.8	0.0	1.00	0.42	1.00	G78B	238
239	41.1	0.453	0.273	1.66																	

rgb _{AB} ^{CAB} and CIE-Daten eines Elementar-Bunttonkreis nach CIE RI-47 für Ostwald-Farben für CIE-Lichtart D65																				
Xyy, abc _{AB} , ABC _{AB} , LabC _{AB} als h _{AB} -Daten für relative Stufung des Elementaruntbuntes h _{AB} von LINYAB für CIE-10-Grad Beobachter																				
Elementar-Bunttonkreis mit 4 Ziel-Elementar-Bunttonwinkeln: h _{AB} = 18.2, 86.3, 156.2, 260.1 von LINYAB und 90 Ziel-Bunttonwinkeln:																				
270, 271, ..., 360, LINYAB-Daten CIE-Testfarben 9 (R): 10.8 8.7 2.8, 10 (Y): 55.9 1.2 19.6, 11 (G): 42.0 -4.8 8.3, 12 (B): 7.8 -1.2 -7.2																				
no.	AB ₁₀₀	X ₁₀	Y ₁₀	Z ₁₀	b ₁₀	C ₁₀	A ₁₀	B ₁₀	C _{AB,10}	h _{AB,10}	L ₁₀ *	a ₁₀ *	b ₁₀ *	C ₀ *	ab ₁₀	ab ₁₀	rgb _{AB}	ABC _{AB,10}	Code	AB ₁₀
270	40.7	0.44	0.26	1.693	-0.46	0.745	30.3	-1.2	30.3	357.6	70.0	79.0	-3.4	79.1	357.4	0.16	0.00	1.00	0.00	#B08R
271	40.7	0.44	0.259	1.694	-0.462	0.746	30.4	-1.3	30.4	357.4	70.0	79.1	-3.6	79.2	357.3	0.18	0.00	1.00	0.00	#B09R
272	40.7	0.439	0.259	1.695	-0.464	0.747	30.4	-1.4	30.4	357.3	70.0	79.2	-3.8	79.3	357.1	0.2	0.00	1.00	0.00	#B10R
273	40.7	0.439	0.259	1.696	-0.465	0.749	30.4	-1.4	30.5	357.2	69.9	79.2	-4.0	79.3	357.0	0.21	0.00	1.00	0.00	#B10R
274	40.7	0.438	0.258	1.697	-0.467	0.75	30.5	-1.5	30.5	357.0	69.9	79.3	-4.2	79.4	356.9	0.23	0.00	1.00	0.00	#B11R
275	40.7	0.438	0.258	1.698	-0.469	0.751	30.5	-1.6	30.5	356.9	69.9	79.4	-4.4	79.5	356.7	0.25	0.00	1.00	0.00	#B12R
276	40.6	0.438	0.257	1.699	-0.471	0.752	30.5	-1.7	30.6	356.7	69.9	79.5	-4.6	79.6	356.6	0.26	0.00	1.00	0.00	#B13R
277	40.6	0.437	0.257	1.701	-0.473	0.753	30.6	-1.7	30.6	356.6	69.9	79.6	-4.8	79.7	356.4	0.28	0.00	1.00	0.00	#B14R
278	40.6	0.437	0.257	1.701	-0.473	0.753	30.6	-1.8	30.6	356.5	69.9	79.7	-5.0	79.8	356.3	0.29	0.00	1.00	0.00	#B15R
279	40.6	0.437	0.256	1.702	-0.476	0.755	30.6	-1.9	30.7	356.3	69.9	79.7	-5.2	79.9	356.2	0.31	0.00	1.00	0.00	#B15R
280	40.6	0.436	0.256	1.703	-0.478	0.756	30.6	-2.0	30.7	356.2	69.9	79.8	-5.4	80.0	356.0	0.33	0.00	1.00	0.00	#B16R
281	40.6	0.436	0.256	1.704	-0.48	0.757	30.7	-2.0	30.8	356.1	69.9	79.9	-5.6	80.1	355.9	0.35	0.00	1.00	0.00	#B17R
282	40.6	0.435	0.255	1.705	-0.482	0.758	30.7	-2.1	30.8	355.9	69.9	80.0	-5.8	80.2	355.8	0.37	0.00	1.00	0.00	#B18R
283	40.6	0.435	0.255	1.706	-0.484	0.76	30.7	-2.2	30.8	355.8	69.9	80.0	-6.0	80.3	355.6	0.38	0.00	1.00	0.00	#B19R
284	40.6	0.435	0.254	1.707	-0.486	0.761	30.8	-2.3	30.9	355.7	69.9	80.1	-6.2	80.4	355.5	0.4	0.00	1.00	0.00	#B20R
285	40.6	0.434	0.254	1.708	-0.487	0.762	30.8	-2.3	30.9	355.6	69.9	80.2	-6.4	80.5	355.4	0.43	0.00	1.00	0.00	#B21R
286	40.6	0.434	0.254	1.709	-0.489	0.763	30.9	-2.4	31.0	355.5	69.9	80.2	-6.6	80.6	355.3	0.45	0.00	1.00	0.00	#B22R
287	40.5	0.434	0.253	1.71	-0.491	0.764	30.9	-2.5	31.0	355.3	69.8	80.4	-6.8	80.6	355.1	0.45	0.00	1.00	0.00	#B22R
288	40.5	0.433	0.253	1.71	-0.493	0.765	30.9	-2.5	31.0	355.2	69.8	80.4	-6.9	80.7	355.0	0.47	0.00	1.00	0.00	#B23R
289	40.5	0.433	0.253	1.711	-0.494	0.766	30.9	-2.6	31.0	355.0	69.8	80.5	-7.1	80.8	354.9	0.48	0.00	1.00	0.00	#B24R
290	40.5	0.433	0.252	1.712	-0.496	0.767	31.0	-2.7	31.1	354.9	69.8	80.6	-7.3	80.9	354.7	0.5	0.00	1.00	0.00	#B25R
291	40.5	0.432	0.252	1.713	-0.498	0.768	31.0	-2.7	31.1	354.8	69.8	80.7	-7.5	81.0	354.6	0.52	0.00	1.00	0.00	#B26R
292	40.5	0.432	0.252	1.714	-0.5	0.769	31.0	-2.8	31.2	354.7	69.8	80.7	-7.7	81.1	354.5	0.53	0.00	1.00	0.00	#B26R
293	40.5	0.432	0.251	1.716	-0.501	0.771	31.1	-2.9	31.2	354.6	69.8	80.8	-7.9	81.2	354.4	0.55	0.00	1.00	0.00	#B27R
294	40.5	0.432	0.251	1.717	-0.503	0.772	31.1	-3.0	31.2	354.5	69.8	80.8	-8.0	81.2	354.3	0.57	0.00	1.00	0.00	#B28R
295	40.5	0.431	0.251	1.717	-0.505	0.773	31.1	-3.0	31.3	354.3	69.8	81.0	-8.2	81.4	354.1	0.59	0.00	1.00	0.00	#B29R
296	40.4	0.431	0.25	1.718	-0.507	0.774	31.1	-3.1	31.3	354.2	69.8	81.0	-8.4	81.5	354.0	0.6	0.00	1.00	0.00	#B30R
297	40.4	0.43	0.25	1.719	-0.508	0.775	31.2	-3.2	31.3	354.1	69.8	81.1	-8.6	81.6	353.9	0.62	0.00	1.00	0.00	#B31R
298	40.4	0.43	0.25	1.72	-0.51	0.776	31.2	-3.2	31.4	354.0	69.8	81.2	-8.7	81.7	353.8	0.64	0.00	1.00	0.00	#B32R
299	40.4	0.43	0.249	1.721	-0.512	0.777	31.2	-3.3	31.4	353.8	69.8	81.3	-8.9	81.8	353.7	0.65	0.00	1.00	0.00	#B32R
300	40.4	0.429	0.249	1.722	-0.513	0.778	31.3	-3.4	31.4	353.7	69.7	81.3	-9.1	81.8	353.6	0.67	0.00	1.00	0.00	#B33R
301	40.4	0.429	0.249	1.723	-0.515	0.779	31.3	-3.4	31.5	353.6	69.7	81.4	-9.2	81.9	353.4	0.69	0.00	1.00	0.00	#B34R
302	40.4	0.428	0.248	1.724	-0.517	0.78	31.3	-3.5	31.5	353.5	69.7	81.4	-9.4	81.9	353.3	0.72	0.00	1.00	0.00	#B35R
303	40.4	0.428	0.248	1.724	-0.518	0.781	31.3	-3.6	31.6	353.4	69.7	81.6	-9.6	82.1	353.2	0.72	0.00	1.00	0.00	#B36R
304	40.4	0.428	0.248	1.725	-0.52	0.782	31.4	-3.6	31.6	353.3	69.7	81.6	-9.7	82.2	353.1	0.74	0.00	1.00	0.00	#B37R
305	40.4	0.428	0.248	1.726	-0.521	0.784	31.4	-3.7	31.6	353.2	69.7	81.7	-9.9	82.3	353.0	0.75	0.00	1.00	0.00	#B37R
306	40.3	0.427	0.247	1.727	-0.523	0.785	31.4	-3.8	31.7	353.1	69.7	81.8	-10.1	82.4	352.9	0.77	0.00	1.00	0.00	#B38R
307	40.3	0.427	0.247	1.728	-0.525	0.786	31.5	-3.8	31.7	352.9	69.7	81.8	-10.2	82.5	352.8	0.79	0.00	1.00	0.00	#B39R
308	40.3	0.427	0.247	1.729	-0.526	0.787	31.5	-3.9	31.7	352.8	69.7	81.9	-10.4	82.6	352.7	0.81	0.00	1.00	0.00	#B40R
309	40.3	0.427	0.246	1.73	-0.528	0.788	31.5	-3.9	31.8	352.7	69.7	82.0	-10.5	82.7	352.6	0.82	0.00	1.00	0.00	#B41R
310	40.3	0.426	0.246	1.731	-0.529	0.789	31.6	-4.0	31.8	352.6	69.7	82.1	-10.6	82.8	352.5	0.83	0.00	1.00	0.00	#B42R
311	40.3	0.426	0.246	1.731	-0.531	0.79	31.6	-4.1	31.8	352.5	69.7	82.1	-10.9	82.8	352.4	0.86	0.00	1.00	0.00	#B43R
312	40.3	0.426	0.245	1.732	-0.533	0.791	31.6	-4.1	31.9	352.4	69.7	82.2	-11.0	82.9	352.3	0.87	0.00	1.00	0.00	#B43R
313	40.3	0.425	0.245	1.733	-0.534	0.792	31.6	-4.2	31.9	352.3	69.7	82.2	-11.2	83.0	352.2	0.89	0.00	1.00	0.00	#B44R
314	40.3	0.425	0.245	1.734	-0.536	0.793	31.7	-4.3	31.9	352.2	69.7	82.3	-11.3	83.1	352.1	0.91	0.00	1.00	0.00	#B45R
315	40.3	0.425	0.245	1.735	-0.537	0.794	31.7	-4.3	32.0	352.1	69.7	82.4	-11.5	83.2	352.0	0.92	0.00	1.00	0.00	#B46R
316	40.3	0.425	0.244	1.736	-0.539	0.795	31.7	-4.4	32.0	352.0	69.6	82.4	-11.6	83.3	351.9	0.94	0.00	1.00	0.00	#B47R
317	40.2	0.424	0.244	1.736	-0.541	0.796	31.7	-4.4	32.1	351.9	69.6	82.5	-11.8	83.4	351.8	0.96	0.00	1.00	0.00	#B48R
318	40.2	0.424	0.244	1.737	-0.542	0.797	31.8	-4.5	32.1	351.8	69.6	82.6	-11.9	83.5	351.7	0.97	0.00	1.00	0.00	#B48R
319	40.2	0.424	0.244	1.738	-0.543	0.798	31.8	-4.6	32.1	351.7	69.6	82.6	-12.1	83.5	351.6	1.00	0.00	1.00	0.00	#B49R
320	40.2	0.423	0.243	1.739	-0.545	0.799	31.8	-4.6	32.2	351.6	69.6	82.7	-12.2	83.6	351.5	1.00	0.00	0.98	0.00	#B50R
321	40.2	0.423	0.243	1.74	-0.546	0.8	31.8	-4.7	32.2	351.5	69.6	82.8	-12.3	83.7	351.4	1.00	0.00	0.96	0.00	#B51R
322	40.2	0.423	0.243	1.74	-0.548	0.801	31.9	-4.7	32.2	351.4	69.6	82.8	-12.5	83.8	351.3	1.00	0.00	0.95	0.00	#B52R
323	40.2	0.423	0.242	1.741	-0.549	0.802	31.9	-4.8	32.3	351.3	69.6	82.9	-12.6	83.9	351.3	1.00	0.00	0.93	0.00	#B53R
324	40.2	0.422	0.242	1.742	-0.551	0.803	31.9	-4.9	32.3	351.2	69.6	83.0	-12.8	83.9	351.2	1.00	0.00	0.91	0.00	#B54R
325	40.2	0.422	0.242	1.743	-0.552	0.804	31.9	-4.9	32.3	351.1	69.6	83.0	-12.9	84.0	351.1	1.00	0.00	0.9	0.00	#B54R
326	40.2	0.422	0.242	1.744	-0.553	0.805	32.0	-5.0	32.4	351.0	69.6	83.1	-13.1	84.1	351.0	1.00	0.00	0.88	0.00	#B55R
327	40.2	0.422	0.241	1.744	-0.555	0.806	32.0	-5.0	32.4	351.0	69.6	83.1	-13.2	84.2	350.9	1.00	0.00	0.86	0.00	#B56R
328	40.2	0.421	0.241	1.745	-0.556	0.807	32.0	-5.1	32.4	350.9	69.6	83.2	-13.3	84.3	350.8	1.00	0.00	0.85	0.00	#B57R
329	40.1	0.421																		

Ostwald-Optimalfarben (o) von maximalem (m) C_{AB} für D65, Y_w=100, Y_m=520_770, CIELAB-Daten													%			
i₁, λ₁	i₂, λ₂	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	0.0	0.2154	-0.0861	0.0						%
Ostwald-Optimalfarben (o) von maximalem (m) C_{AB} für D65, Y_w=100, Y_m=770_520, CIELAB komplementär%													%			
i₁, λ₁	i₂, λ₂	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	0.0	0.2154	-0.0861	0.0						%

***rgb_{abc}* und CIE-Daten eines Elementar-Bunttonkreises nach CIE R1-47 für Ostwald-Farben für CIE-Lichtart D65**

***Yxy_{abcAB} ABC_{AB} LabC_{ab}^{h_{ab}}*-Daten für relative Stufung des Elementarbunttons *h_{ab}* von CIELAB für CIE-2-Grad Beobachter**

Elementar-Bunttonkreis mit 4 Ziel-Elementar-Bunttonwinkeln (R): 25.6, 92.4, 162.1, 271.5 von CIELAB und 90 Ziel-Bunttonwinkeln:

000, 001, ..., 089, CIELAB-Daten CIE-Testfarben 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

<i>no.</i>	<i>ab</i>	<i>Y</i>	<i>x</i>	<i>a</i>	<i>b</i>	<i>c_{AB}</i>	<i>A</i>	<i>B</i>	<i>C_{AB}</i>	<i>h_{AB}</i>	<i>L₁</i>	<i>a[*]</i>	<i>b[*]</i>	<i>C_{ab}</i>	<i>h_{ab}</i>	<i>rgb_{abc}</i>	<i>Code_{ab}</i>		
000	40.7	0.443	0.255	1.735	-0.47	0.785	31.9	-1.4	32.0	357.4	70.0	82.3	-3.8	82.4	357.3	1.00	0.00	0.58	#B70R
001	40.7	0.445	0.257	1.73	-0.459	0.78	31.7	-0.9	31.8	358.2	70.0	81.9	-2.6	81.9	358.1	1.00	0.00	0.55	#B72R
002	40.7	0.448	0.259	1.725	-0.448	0.774	31.6	-0.5	31.6	359.0	70.0	81.5	-1.5	81.5	358.9	1.00	0.00	0.53	#B73R
003	40.8	0.45	0.262	1.719	-0.438	0.769	31.4	-0.1	31.4	359.8	70.0	81.0	-0.2	81.0	359.7	1.00	0.00	0.51	#B74R
004	40.8	0.453	0.264	1.714	-0.427	0.764	31.2	0.3	31.2	0.6	70.0	80.6	0.9	80.6	0.6	1.00	0.00	0.48	#B75R
005	40.8	0.455	0.266	1.709	-0.416	0.759	31.0	0.7	31.0	1.4	70.0	80.1	2.2	80.2	1.5	1.00	0.00	0.46	#B76R
006	40.8	0.458	0.268	1.704	-0.405	0.754	30.8	1.2	30.8	2.2	70.0	79.7	3.5	79.8	2.5	1.00	0.00	0.44	#B77R
007	40.8	0.461	0.271	1.698	-0.394	0.749	30.6	1.6	30.6	3.1	70.0	79.2	4.8	79.4	3.4	1.00	0.00	0.42	#B78R
008	40.8	0.463	0.273	1.693	-0.383	0.744	30.4	2.0	30.4	4.0	70.0	78.7	6.1	78.9	4.3	1.00	0.00	0.41	#B79R
009	40.9	0.466	0.276	1.688	-0.372	0.74	30.1	2.5	30.3	4.8	70.1	78.3	7.5	78.7	5.4	1.00	0.00	0.37	#B11R
010	40.9	0.469	0.278	1.683	-0.361	0.736	29.9	3.0	30.1	5.7	70.1	77.9	8.9	78.4	6.5	1.00	0.00	0.35	#B21R
011	40.9	0.471	0.281	1.677	-0.35	0.732	29.7	3.4	29.9	6.6	70.1	77.4	10.3	78.1	7.5	1.00	0.00	0.33	#B31R
012	40.9	0.474	0.283	1.672	-0.34	0.728	29.5	3.9	29.8	7.5	70.1	76.9	11.7	77.8	8.6	1.00	0.00	0.3	#B41R
013	40.9	0.477	0.286	1.667	-0.329	0.724	29.3	4.3	29.7	8.4	70.1	76.5	13.2	77.6	9.8	1.00	0.00	0.28	#B51R
014	41.0	0.48	0.289	1.662	-0.318	0.721	29.1	4.7	29.5	9.3	70.1	76.0	14.7	77.4	10.9	1.00	0.00	0.26	#B61R
015	41.0	0.483	0.291	1.656	-0.308	0.717	28.9	5.2	29.4	10.2	70.1	75.6	16.2	77.3	12.1	1.00	0.00	0.24	#B71R
016	41.0	0.484	0.294	1.651	-0.304	0.712	28.7	5.7	29.3	11.1	70.1	75.2	17.7	77.2	13.2	1.00	0.00	0.22	#B81R
017	41.0	0.489	0.297	1.646	-0.286	0.711	28.5	6.1	29.2	12.0	70.2	74.6	19.2	77.1	14.4	1.00	0.00	0.19	#B91R
018	41.0	0.492	0.3	1.641	-0.276	0.709	28.3	6.5	29.1	12.9	70.2	74.2	20.8	77.1	15.7	1.00	0.00	0.17	#B11R
019	41.0	0.495	0.302	1.636	-0.266	0.706	28.1	6.9	29.0	13.8	70.2	73.7	22.4	77.1	16.9	1.00	0.00	0.15	#B21R
020	41.1	0.498	0.305	1.631	-0.256	0.704	27.9	7.3	28.9	14.7	70.2	73.3	24.1	77.1	18.1	1.00	0.00	0.12	#B31R
021	41.1	0.501	0.308	1.626	-0.246	0.701	27.7	7.7	28.8	15.6	70.2	72.8	25.7	77.3	19.4	1.00	0.00	0.1	#B41R
022	41.1	0.504	0.311	1.621	-0.236	0.699	27.5	8.1	28.7	16.5	70.2	72.4	27.4	77.4	20.7	1.00	0.00	0.08	#B51R
023	41.1	0.507	0.314	1.616	-0.226	0.697	27.4	8.6	28.7	17.4	70.2	72.0	29.1	77.6	22.0	1.00	0.00	0.05	#B61R
024	41.1	0.509	0.317	1.611	-0.216	0.694	27.3	9.1	28.7	18.3	70.2	71.5	30.8	77.5	23.3	1.00	0.00	0.05	#B71R
025	41.1	0.514	0.319	1.606	-0.207	0.694	27.0	9.3	28.6	19.1	70.3	71.1	32.5	78.2	24.6	1.00	0.00	0.01	#B91R
026	41.2	0.517	0.322	1.601	-0.198	0.693	26.8	9.7	28.5	20.0	70.3	70.7	34.3	78.6	25.9	1.00	0.00	0.00	#R00Y
027	41.2	0.52	0.326	1.597	-0.187	0.692	26.6	10.2	28.5	20.9	70.3	70.3	36.4	79.2	27.4	1.00	0.02	0.00	#R02Y
028	41.2	0.525	0.329	1.593	-0.176	0.692	26.5	10.6	28.5	21.9	70.3	69.9	38.7	79.9	28.9	1.00	0.03	0.00	#R03Y
029	41.2	0.528	0.332	1.588	-0.165	0.693	26.3	11.1	28.6	22.8	70.3	69.5	40.9	80.7	30.4	1.00	0.05	0.00	#R05Y
030	41.3	0.532	0.336	1.584	-0.155	0.693	26.2	11.5	28.6	23.8	70.3	69.1	43.2	81.5	31.9	1.00	0.06	0.00	#R06Y
031	41.3	0.536	0.339	1.58	-0.145	0.693	26.0	11.9	28.6	24.6	70.4	68.8	45.5	82.5	33.4	1.00	0.08	0.00	#R08Y
032	41.3	0.542	0.342	1.576	-0.136	0.694	25.9	12.3	28.7	25.5	70.4	68.5	47.8	83.5	34.9	1.00	0.09	0.00	#R11Y
033	41.3	0.544	0.345	1.572	-0.127	0.694	25.7	12.7	28.7	26.3	70.4	68.1	50.1	84.5	36.3	1.00	0.11	0.00	#R11Y
034	41.3	0.547	0.348	1.569	-0.118	0.695	25.6	13.1	28.7	27.1	70.4	67.7	52.4	85.6	37.7	1.00	0.12	0.00	#R12Y
035	41.4	0.55	0.351	1.565	-0.11	0.695	25.4	13.4	28.8	27.8	70.4	67.4	54.7	86.8	39.0	1.00	0.13	0.00	#R13Y
036	41.4	0.554	0.354	1.561	-0.102	0.696	25.3	13.8	28.8	28.5	70.4	67.1	57.0	88.1	40.3	1.00	0.15	0.00	#R15Y
037	41.4	0.557	0.357	1.558	-0.094	0.696	25.1	14.1	28.8	29.2	70.4	66.7	59.4	89.3	41.6	1.00	0.16	0.00	#R16Y
038	41.4	0.56	0.36	1.554	-0.087	0.697	25.0	14.4	28.9	29.9	70.5	66.4	61.7	90.7	42.8	1.00	0.18	0.00	#R18Y
039	41.4	0.563	0.363	1.55	-0.08	0.697	24.9	14.7	28.9	30.5	70.5	66.1	64.0	92.0	44.0	1.00	0.19	0.00	#R19Y
040	41.5	0.565	0.365	1.547	-0.074	0.697	24.8	15.0	28.9	31.1	70.5	65.8	66.3	93.3	45.2	1.00	0.21	0.00	#R21Y
041	41.5	0.568	0.368	1.544	-0.068	0.698	24.6	15.2	29.0	31.7	70.5	65.5	68.7	94.9	46.3	1.00	0.22	0.00	#R22Y
042	41.5	0.571	0.37	1.54	-0.062	0.698	24.5	15.4	29.0	32.2	70.5	65.2	71.0	96.4	47.4	1.00	0.24	0.00	#R24Y
043	41.5	0.573	0.372	1.537	-0.057	0.698	24.4	15.7	29.0	32.7	70.5	64.9	73.2	97.9	48.4	1.00	0.25	0.00	#R25Y
044	41.6	0.575	0.375	1.534	-0.052	0.698	24.3	15.9	29.0	33.2	70.5	64.6	75.5	99.4	49.4	1.00	0.27	0.00	#R27Y
045	41.6	0.577	0.377	1.531	-0.047	0.698	24.1	16.1	29.0	33.7	70.6	64.3	77.8	100.9	50.4	1.00	0.28	0.00	#R28Y
046	41.6	0.579	0.379	1.528	-0.043	0.698	24.0	16.3	29.0	34.1	70.6	64.0	80.0	102.5	51.3	1.00	0.3	0.00	#R30Y
047	41.6	0.581	0.381	1.525	-0.039	0.698	23.9	16.5	29.0	34.5	70.6	63.8	82.2	104.1	52.2	1.00	0.31	0.00	#R31Y
048	41.6	0.583	0.382	1.523	-0.035	0.698	23.8	16.6	29.1	34.9	70.6	63.5	84.4	105.7	53.1	1.00	0.33	0.00	#R33Y
049	41.6	0.584	0.384	1.52	-0.032	0.698	23.7	16.8	29.1	35.2	70.6	63.3	86.7	107.3	53.8	1.00	0.34	0.00	#R34Y
050	41.7	0.585	0.386	1.517	-0.029	0.697	23.6	16.9	29.1	35.6	70.6	63.0	88.8	108.9	54.6	1.00	0.36	0.00	#R36Y
051	41.7	0.587	0.387	1.515	-0.026	0.697	23.5	17.0	29.0	35.9	70.6	62.8	90.9	110.5	55.3	1.00	0.37	0.00	#R37Y
052	41.7	0.588	0.388	1.512	-0.023	0.697	23.4	17.1	29.0	36.2	70.6	62.6	93.0	112.1	56.0	1.00	0.39	0.00	#R39Y
053	41.7	0.589	0.39	1.51	-0.02	0.696	23.3	17.3	29.0	36.5	70.6	62.3	95.0	113.7	56.7	1.00	0.4	0.00	#R40Y
054	41.7	0.59	0.391	1.508	-0.018	0.696	23.2	17.4	29.0	36.7	70.7	62.1	97.0	115.2	57.3	1.00	0.42	0.00	#R42Y
055	41.7	0.591	0.392	1.505	-0.016	0.695	23.1	17.4	29.0	37.0	70.7	61.9	99.0	116.8	57.9	1.00	0.43	0.00	#R43Y
056	41.7	0.591	0.393	1.503	-0.014	0.695	23.1	17.5	29.0	37.2	70.7	61.7	100.9	118.3	58.5	1.00	0.45	0.00	#R45Y
057	41.7	0.592	0.394	1.501	-0.013	0.694	23.0	17.6	29.0	37.4	70.7	61.5	102.8	119.9	59.1	1.00	0.46	0.00	#R46Y
058	41.7	0.593	0.395	1.499	-0.011	0.693	22.9	17.7	28.9	37.6	70.7	61.3	104.7	121.4	59.6	1.00	0.48	0.00	#R48Y
059	41.7	0.593	0.396	1.498	-0.01	0.693	22.8	17.7	28.9	37.8	70.7	61.2	106.5	122.8	60.1	1.00	0.49	0.00	#R49Y
060	41.8	0.593	0.396	1.496	-0.009	0.692	22.8	17.8	28.9	37.9	70.7	61.0	108.2	124.3	60.5	1.00	0.51	0.00	#R51Y
061	41.8	0.594	0.397	1.494	-0.008	0.692	22.7	17.8	28.9	38.1	70.7	60.8	109.9	125.7	61.0	1.00	0.5		

rgb_{cab}- und CIE-Daten eines Elementar-Buntpunktes nach CIE RI-47 für Ostwald-Farben für CIE-Licht D65

X_{xy}, rgb_{AB}, ABC_{AB}, LabC_{ab} at_{hab}-Daten für relative Stufung des Elementarbuntons hab von CIELAB für CIE-2-Grad Beobachter

Elementar-Buntpunkt mit 4 Ziel-Elementar-Buntpunktwerten (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	179	CIELAB-Daten CIE-Testfarben 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	Code
090	80.7	0.483	0.509	0.948	-0.005	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	0.00	RS6Y
091	81.9	0.479	0.512	0.935	-0.005	0.43	-1.2	35.2	35.2	92.0	92.5	-2.5	144.0	143.0	91.0	1.00	0.97	0.00	0.00	RS7Y
092	83.5	0.474	0.516	0.919	-0.006	0.43	-2.6	35.8	35.9	94.1	93.2	-5.2	142.2	142.3	92.1	1.00	0.99	0.00	0.00	RS9Y
093	84.8	0.47	0.519	0.906	-0.007	0.43	-3.7	36.3	36.5	95.8	93.8	-7.4	140.8	141.0	93.0	0.99	1.00	0.00	0.00	Y00G
094	86.0	0.466	0.522	0.893	-0.008	0.43	-4.8	36.7	37.0	97.5	94.3	-9.6	138.9	139.2	93.9	0.99	1.00	0.00	0.00	Y02G
095	87.3	0.462	0.524	0.881	-0.009	0.431	-6.0	37.1	37.6	99.2	94.8	-11.9	138.6	137.3	93.9	0.99	0.96	1.00	0.00	Y03G
096	88.6	0.457	0.526	0.868	-0.011	0.431	-7.2	37.5	38.2	100.9	95.4	-14.1	134.5	135.3	96.0	0.94	1.00	0.00	0.00	Y05G
097	89.8	0.453	0.528	0.857	-0.013	0.432	-8.3	37.9	38.8	102.4	95.9	-16.3	132.3	133.3	96.0	0.93	1.00	0.00	0.00	Y06G
098	91.1	0.45	0.53	0.843	-0.015	0.433	-9.3	38.2	39.4	104.0	96.5	-18.6	130.5	131.5	96.0	0.91	1.00	0.00	0.00	Y08G
099	92.0	0.444	0.53	0.836	-0.018	0.432	-10.4	38.3	39.7	105.2	96.8	-20.6	126.4	128.0	99.0	0.9	1.00	0.00	0.00	Y09G
100	93.8	0.445	0.526	0.846	-0.021	0.426	-9.8	38.8	40.0	104.1	97.5	-18.6	123.6	125.0	98.5	0.89	1.00	0.00	0.00	Y10G
101	93.8	0.435	0.529	0.822	-0.026	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	0.00	Y12G
102	93.4	0.432	0.532	0.813	-0.026	0.431	-12.8	38.2	40.2	108.5	97.3	-24.7	118.5	121.0	101.8	0.86	1.00	0.00	0.00	Y13G
103	92.9	0.429	0.534	0.804	-0.027	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	0.00	Y15G
104	92.5	0.426	0.536	0.794	-0.027	0.436	-14.4	37.7	40.4	110.8	97.0	-28.2	117.3	120.6	103.5	0.83	1.00	0.00	0.00	Y16G
105	92.0	0.423	0.539	0.785	-0.027	0.441	-15.2	37.5	40.5	112.0	96.8	-30.1	116.7	120.5	104.4	0.81	1.00	0.00	0.00	Y18G
106	91.5	0.42	0.543	0.775	-0.028	0.443	-16.0	37.2	40.6	113.0	96.6	-32.0	115.9	120.5	105.3	0.79	1.00	0.00	0.00	Y20G
107	91.0	0.416	0.544	0.765	-0.028	0.447	-16.8	37.0	40.7	114.2	96.4	-33.8	115.4	120.3	106.3	0.79	1.00	0.00	0.00	Y20C
108	90.5	0.412	0.547	0.754	-0.029	0.451	-17.7	36.8	40.8	115.7	96.2	-35.7	114.8	120.2	107.3	0.77	1.00	0.00	0.00	Y22G
109	90.0	0.409	0.549	0.744	-0.029	0.455	-18.5	36.5	40.9	116.9	96.0	-37.7	114.2	120.2	108.3	0.76	1.00	0.00	0.00	Y23G
110	89.5	0.405	0.552	0.733	-0.03	0.459	-19.4	36.2	41.1	118.1	95.8	-39.8	113.5	120.3	109.3	0.74	1.00	0.00	0.00	Y25G
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	0.00	Y26G
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	0.00	Y28G
113	87.8	0.393	0.561	0.701	-0.031	0.474	-21.9	35.4	41.6	121.8	95.1	-46.1	111.5	120.6	112.4	0.7	1.00	0.00	0.00	Y30G
114	87.2	0.389	0.564	0.691	-0.032	0.48	-22.7	35.2	41.8	122.8	94.8	-48.3	110.9	120.7	113.4	0.69	1.00	0.00	0.00	Y30C
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	0.00	Y32G
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	121.4	115.7	0.66	1.00	0.00	0.00	Y33G
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	121.7	116.8	0.64	1.00	0.00	0.00	Y35G
118	84.9	0.372	0.577	0.646	-0.034	0.503	-25.8	34.0	42.7	127.1	93.8	-57.1	107.9	122.1	117.8	0.63	1.00	0.00	0.00	Y36G
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	0.00	Y38G
120	83.8	0.364	0.583	0.624	-0.035	0.515	-27.3	33.4	43.2	129.2	93.3	-61.5	106.5	123.0	120.0	0.6	1.00	0.00	0.00	Y39G
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	121.0	0.59	1.00	0.00	0.00	Y40C
122	82.6	0.359	0.601	0.603	-0.037	0.528	-28.7	32.9	43.6	131.0	92.9	-66.0	105.1	124.0	122.1	0.57	1.00	0.00	0.00	Y42G
123	82.0	0.351	0.592	0.592	-0.037	0.535	-29.3	32.6	43.9	131.9	92.5	-68.2	104.3	124.6	123.1	0.56	1.00	0.00	0.00	Y43C
124	81.4	0.346	0.595	0.582	-0.038	0.541	-30.0	32.3	44.1	132.8	92.3	-70.3	103.5	125.2	124.1	0.54	1.00	0.00	0.00	Y45G
125	80.8	0.342	0.598	0.572	-0.039	0.548	-30.6	32.0	44.3	133.6	92.0	-72.5	102.8	125.8	125.1	0.53	1.00	0.00	0.00	Y46G
126	80.3	0.338	0.601	0.561	-0.039	0.554	-31.2	31.7	44.5	134.4	91.8	-74.6	102.1	126.5	126.1	0.51	1.00	0.00	0.00	Y48G
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	101.3	127.1	127.1	0.5	1.00	0.00	0.00	Y49G
128	79.2	0.329	0.607	0.542	-0.041	0.567	-32.3	31.2	44.9	135.9	91.3	-78.8	100.6	127.8	128.0	0.48	1.00	0.00	0.00	Y51G
129	78.6	0.325	0.61	0.532	-0.042	0.574	-32.8	30.9	45.1	137.1	91.0	-81.0	99.8	128.6	129.0	0.47	1.00	0.00	0.00	Y52C
130	78.0	0.32	0.614	0.523	-0.043	0.58	-33.2	30.6	45.3	138.0	90.8	-83.1	99.1	129.5	129.0	0.46	1.00	0.00	0.00	Y54G
131	76.9	0.312	0.617	0.506	-0.045	0.591	-34.1	30.3	45.4	138.6	90.2	-86.7	97.2	130.2	131.7	0.44	1.00	0.00	0.00	Y55C
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	95.9	131.0	132.9	0.43	1.00	0.00	0.00	Y56G
133	75.3	0.301	0.623	0.483	-0.048	0.606	-35.1	29.2	45.7	140.2	89.5	-91.6	94.7	131.8	134.0	0.41	1.00	0.00	0.00	Y58G
134	74.6	0.296	0.625	0.473	-0.049	0.613	-35.5	28.8	45.7	141.0	89.2	-93.9	93.4	132.5	135.1	0.4	1.00	0.00	0.00	Y59G
135	73.9	0.291	0.627	0.464	-0.051	0.619	-35.9	28.4	45.8	141.8	88.9	-96.0	92.2	133.1	136.1	0.38	1.00	0.00	0.00	Y61G
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	91.0	133.7	137.1	0.37	1.00	0.00	0.00	Y62G
137	72.6	0.282	0.631	0.447	-0.054	0.631	-36.5	27.6	45.8	142.8	88.2	-100.2	88.6	134.3	138.0	0.36	1.00	0.00	0.00	Y63C
138	72.0	0.278	0.632	0.439	-0.056	0.636	-36.8	27.3	45.8	143.4	87.9	-101.6	88.6	134.8	138.4	0.34	1.00	0.00	0.00	Y65G
139	71.4	0.274	0.633	0.432	-0.058	0.641	-37.0	26.9	45.8	143.9	87.7	-103.2	87.4	135.2	139.7	0.33	1.00	0.00	0.00	Y66G
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	86.3	135.6	140.4	0.31	1.00	0.00	0.00	Y68G
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	85.1	136.0	141.2	0.3	1.00	0.00	0.00	Y69G
142	69.8	0.262	0.635	0.413	-0.063	0.653	-37.5	25.9	45.6	145.3	86.9	-107.5	83.9	136.4	142.0	0.28	1.00	0.00	0.00	Y71G
143	69.0	0.256	0.636	0.403	-0.067	0.659	-37.7	25.4	45.5	146.0	86.5	-109.7	81.9	136.9	143.2	0.27	1.00	0.00	0.00	Y72G
144	68.3	0.251	0.636	0.395	-0.07	0.664	-37.9	24.9	45.3	146.6	86.1	-111.7	80.0	137.4	144.3	0.26	1.00	0.00	0.00	Y73G
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	78.2	137.7	145.4	0.24	1.00	0.00	0.00	Y75G
146	67.0	0.241	0.634	0.38	-0.077	0.672	-38.1	23.9	45.0	147.8	85.5	-114.9	76.3	137.9	146.3	0.23	1.00	0.00	0.00	Y76G
147	66.4	0.237	0.632	0.375	-0.081	0.675	-38.2	23.5	44.8	148.4	85.2	-116.2	74.5	138.1	147.3	0.21	1.00	0.00	0.00	Y78G
148	65.9	0.233	0.631	0.37	-0.085	0.677	-													

rgb_{cab} und CIE-Daten eines Elementar-Bunttonkreises nach CIE R1-47 für Ostwald-Farben für CIE-Licht D65

X_{xy}, abc_{AB}, ABC_{AB}, LabC_{ab}_{hAB}-Daten für relative Stufung des Elementarbereichs h_{ab} von CIELAB für CIE-2-Grad Beobachter

Elementar-Bunttonkreis mit 4 Ziel-Elementar-Bunttonwinkeln: h_{ab} = 25.6, 92.4, 162.1, 271.5 von CIELAB und 90 Ziel-Bunttonwinkeln:

180, 181, ..., 269, CIELAB-Daten CIE-Testfarben 9 (R): 4.0 58.9 28.3, 10 (Y): 81.3 -3.0 71.8, 11 (G): 52.2 -4.2 3.16, 12 (B): 30.5 1.2 -46.3

no. _{ab}	Y	x	y	a	b	c	AB	A	B	C	h _{AB}	L	b*	C*	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	G16B
181	59.1	0.168	0.397	0.422	-0.436	0.528	-31.2	0.0	31.2	180.0	81.3	-99.4	0.0	99.4	180.0	0.00	1.00	0.34	G17B
182	59.1	0.167	0.391	0.427	-0.449	0.522	-30.9	-0.8	30.9	181.5	81.3	-98.0	-1.7	98.0	181.0	0.00	1.00	0.36	G18B
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	G19B
184	59.0	0.167	0.38	0.439	-0.476	0.512	-30.1	-2.4	30.2	184.5	81.3	-95.0	-5.0	95.2	183.0	0.00	1.00	0.39	G19B
185	59.0	0.166	0.374	0.445	-0.489	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	G20B
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	G21B
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	G22B
188	58.8	0.166	0.358	0.463	-0.531	0.493	-28.7	-5.6	29.2	191.1	81.2	-89.1	-11.5	89.6	187.3	0.00	1.00	0.47	G23B
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	88.7	188.4	0.00	1.00	0.49	G24B
190	58.9	0.165	0.347	0.475	-0.559	0.49	-27.9	-7.3	28.8	194.6	81.2	-86.3	-14.5	87.5	189.5	0.00	1.00	0.5	G25B
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	G26B
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	G27B
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	84.3	192.9	0.00	1.00	0.56	G28B
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	G29B
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	196.6	0.00	1.00	0.6	G30B
196	58.6	0.163	0.319	0.513	-0.646	0.484	-25.6	-12.4	28.4	205.8	81.1	-77.4	-23.7	80.8	199.0	0.00	1.00	0.61	G30B
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	G31B
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	199.2	0.00	1.00	0.65	G32B
199	58.4	0.163	0.308	0.531	-0.685	0.488	-24.4	-14.6	28.5	210.8	80.9	-73.6	-27.3	78.5	200.3	0.00	1.00	0.67	G33B
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	G34B
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	G35B
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	G36B
203	58.2	0.163	0.297	0.55	-0.725	0.494	-23.3	-16.8	28.7	215.8	80.8	-69.5	-30.9	76.1	204.0	0.00	1.00	0.74	G37B
204	58.2	0.163	0.295	0.557	-0.734	0.495	-23.1	-17.3	28.8	217.0	80.8	-68.5	-31.7	75.4	204.9	0.00	1.00	0.75	G38B
205	58.2	0.163	0.293	0.557	-0.738	0.496	-22.8	-17.6	28.9	217.6	80.8	-68.0	-32.1	75.2	205.3	0.00	1.00	0.78	G39B
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	G40B
207	57.5	0.162	0.289	0.562	-0.756	0.503	-22.3	-18.4	28.9	219.6	80.4	-66.6	-33.3	74.6	206.7	0.00	1.00	0.82	G41B
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	207.7	0.00	1.00	0.83	G41B
209	54.9	0.158	0.282	0.56	-0.792	0.528	-21.4	-19.6	29.0	222.5	78.9	-66.0	-36.2	75.3	208.7	0.00	1.00	0.85	G42B
210	53.5	0.155	0.278	0.559	-0.813	0.543	-20.9	-20.2	29.0	224.0	78.1	-65.6	-37.6	75.6	209.7	0.00	1.00	0.87	G43B
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	76.0	210.8	0.00	1.00	0.89	G44B
212	50.7	0.15	0.269	0.557	-0.857	0.577	-19.9	-21.4	29.2	227.2	76.5	-64.8	-40.4	76.4	212.3	0.00	1.00	0.91	G45B
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	G46B
214	48.2	0.146	0.262	0.558	-0.902	0.609	-18.9	-22.5	29.4	229.9	74.9	-63.7	-43.2	76.9	214.0	0.00	1.00	0.94	G47B
215	47.2	0.144	0.258	0.559	-0.921	0.623	-18.4	-22.9	29.4	231.2	74.3	-63.0	-44.2	76.9	215.0	0.00	1.00	0.96	G48B
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	G49B
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	76.7	216.9	0.00	1.00	0.99	G50B
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	1.00	0.97	G51B
219	43.7	0.14	0.246	0.569	-0.993	0.675	-16.6	-24.4	29.5	235.6	72.0	-59.5	-48.0	76.5	218.8	0.00	1.00	0.96	G51B
220	43.3	0.139	0.243	0.57	-1.01	0.689	-16.2	-24.8	29.6	236.7	71.5	-58.6	-48.9	76.4	219.7	0.00	1.00	0.95	G52B
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	1.00	0.92	G53B
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	221.8	0.00	1.00	0.9	G54B
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	76.0	222.9	0.00	1.00	0.88	G55B
224	39.8	0.135	0.231	0.586	-1.091	0.75	-14.4	-26.1	29.8	240.9	69.3	-54.6	-52.7	75.9	223.9	0.00	1.00	0.86	G56B
225	39.3	0.135	0.229	0.589	-1.105	0.761	-14.2	-26.3	29.9	241.6	68.8	-53.9	-53.3	75.8	224.6	0.00	1.00	0.85	G57B
226	38.7	0.134	0.227	0.591	-1.12	0.773	-13.9	-26.5	30.0	242.3	68.5	-53.2	-54.0	75.8	225.4	0.00	1.00	0.83	G58B
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	-54.4	75.7	226.2	0.00	1.00	0.81	G59B
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	1.00	0.79	G60B
229	37.0	0.133	0.22	0.603	-1.174	0.816	-12.8	-27.3	30.2	244.8	67.2	-50.3	-56.2	75.5	228.1	0.00	1.00	0.77	G61B
230	36.3	0.132	0.217	0.609	-1.197	0.834	-12.3	-27.6	30.2	245.6	66.7	-49.0	-57.1	75.3	229.3	0.00	1.00	0.75	G62B
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	75.1	230.7	0.00	1.00	0.74	G63B
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	1.00	0.72	G64B
233	34.4	0.131	0.209	0.626	-1.259	0.885	-11.1	-28.4	30.5	248.5	65.3	-45.4	-59.5	74.9	232.6	0.00	1.00	0.7	G65B
234	34.0	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	1.00	0.68	G66B
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	1.00	0.66	G67B
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	74.7	235.1	0.00	1.00	0.64	G68B
237	32.7	0.13	0.201	0.645	-1.325	0.941	-9.9	-29.1	30.8	251.0	63.9	-41.6	-61.9	74.6	236.0	0.00	1.00	0.63	G69B
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	74.6	236.9	0.00	1.00	0.61	G70B
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	1.00	0.59	G71B
240	31.3	0.129	0.195	0.662	-1.383	0.99	-9.0	-29.7	31.0	253.0	62.8	-38.5	-63.8	74.5	238.9	0.00	1.00	0.57	G72B
241	30.9	0.129	0.193	0.668	-1.403	1.008	-8.7	-29.9	31.1	253.7	62.4	-37.4	-64.5	74.5	239.9	0.00	1.00	0.55	G73B
242	30.4	0.128																	

rgb_{cab}- und CIE-Daten eines Elementar-Buntonkreisnach von CIE R1-47 für Ostwald-Farben für CIE-Licht D65

X_{xy}, Y_{xy}, Cab_{AB}, ABC_{AB}, LabC*_{ahab}-Daten für relative Stufung des Elementarbuntons h_{ab} von CIELAB für CIE-2-Grad Beobachter

Elementar-Buntonkreis mit 4 Ziel-Elementar-Buntonwinkeln: h_{ab} = 25.6, 92.4, 162.1, 271.5 von (CIE) und 90 Ziel-Buntonwinkeln: 270, 271, ..., 360, CIELAB-Daten CIE-Testfarben 9 (R): 40.0 58.9 28.3, 10 (Y): 81.3 – 30.7 71.8, 11 (G): 52.2 – 42.3 13.6, 12 (B): 30.5 1.2 – 46.3

no. _{ab}	Y	x	z	CIE L	a	b	c _{ab}	A	B	C	h _{ab}	10 (Y)	a*	b*	C* _{ab}	h _{ab}	rgb _{cab}	Code _{ab}		
270	19.2	0.127	0.132	0.961	-2.238	1.803	0.2	-34.7	34.7	270.3	51.0	1.1	-83.8	83.8	270.7	0.00	0.02	1.00	0.00	G98B
271	18.9	0.127	0.13	0.974	-2.272	1.837	0.4	-34.8	34.8	270.7	50.6	2.4	-84.4	84.4	271.6	0.00	0.00	1.00	0.00	G99B
272	18.6	0.127	0.128	0.987	-2.307	1.871	0.6	-34.9	34.9	271.1	50.3	3.7	-84.9	85.0	272.4	0.00	0.00	1.00	0.00	R00R
273	18.4	0.127	0.127	1.0	-2.341	1.906	0.9	-35.0	35.1	271.5	49.9	4.9	-85.5	85.6	273.3	0.02	0.00	1.00	0.00	B01R
274	18.1	0.127	0.125	1.014	-2.375	1.94	1.1	-35.1	35.2	271.8	49.6	6.1	-86.0	86.2	274.1	0.04	0.00	1.00	0.00	B02R
275	17.8	0.127	0.123	1.03	-2.419	1.985	1.4	-35.3	35.3	272.3	49.2	7.7	-86.7	87.1	275.0	0.06	0.00	1.00	0.00	B03R
276	17.4	0.127	0.121	1.05	-2.471	2.038	1.7	-35.4	35.5	272.8	48.7	9.5	-87.5	88.0	276.1	0.07	0.00	1.00	0.00	B04R
277	17.0	0.127	0.119	1.07	-2.521	2.089	2.0	-35.5	35.6	273.2	48.3	11.1	-88.2	88.9	277.2	0.09	0.00	1.00	0.00	B05R
278	16.7	0.127	0.117	1.089	-2.573	2.149	2.3	-35.6	35.7	273.7	47.9	12.7	-89.0	89.9	278.3	0.12	0.00	1.00	0.00	B12R
279	16.4	0.128	0.115	1.108	-2.618	2.188	2.6	-35.8	35.9	274.1	47.5	14.4	-89.6	90.7	279.1	0.13	0.00	1.00	0.00	B06R
280	16.1	0.128	0.113	1.128	-2.667	2.238	2.8	-35.9	36.1	274.5	47.1	16.0	-90.3	91.7	280.0	0.14	0.00	1.00	0.00	B07R
281	15.8	0.128	0.111	1.149	-2.717	2.29	3.1	-36.1	36.2	274.9	46.7	17.6	-90.9	92.6	280.9	0.16	0.00	1.00	0.00	B08R
282	15.5	0.128	0.109	1.171	-2.769	2.344	3.4	-36.2	36.3	275.4	46.3	19.3	-91.6	93.6	281.9	0.18	0.00	1.00	0.00	B09R
283	15.1	0.129	0.107	1.195	-2.826	2.403	3.7	-36.3	36.5	275.8	45.8	21.2	-92.3	94.7	282.9	0.2	0.00	1.00	0.00	B10R
284	14.8	0.129	0.105	1.222	-2.888	2.468	4.0	-36.4	36.6	276.3	45.4	23.1	-93.0	95.9	283.9	0.21	0.00	1.00	0.00	B10R
285	14.4	0.129	0.103	1.252	-2.96	2.542	4.3	-36.5	36.8	276.8	44.9	25.3	-93.9	97.2	284.9	0.23	0.00	1.00	0.00	B11R
286	14.0	0.127	0.101	1.285	-3.047	2.627	4.6	-36.6	37.0	277.3	44.5	27.6	-94.8	99.0	286.0	0.25	0.00	1.00	0.00	B12R
287	13.7	0.13	0.098	1.322	-3.121	2.712	5.0	-36.8	37.1	277.8	43.8	29.9	-95.7	100.2	287.3	0.27	0.00	1.00	0.00	B13R
288	13.3	0.13	0.096	1.36	-3.21	2.804	5.4	-36.9	37.3	278.3	43.2	32.4	-96.6	101.9	288.5	0.28	0.00	1.00	0.00	B14R
289	12.9	0.131	0.093	1.4	-3.303	2.902	5.8	-37.0	37.5	278.9	42.6	34.8	-97.5	103.6	289.6	0.3	0.00	1.00	0.00	B15R
290	12.5	0.131	0.091	1.442	-3.401	3.005	6.1	-37.2	37.7	279.4	42.0	37.3	-98.5	105.3	290.7	0.32	0.00	1.00	0.00	B16R
291	12.1	0.132	0.088	1.486	-3.503	3.114	6.5	-37.3	37.8	279.9	41.4	39.8	-99.4	107.1	291.8	0.34	0.00	1.00	0.00	B17R
292	11.7	0.132	0.086	1.532	-3.609	3.226	6.8	-37.4	38.0	280.3	40.8	42.3	-100.4	108.9	292.8	0.35	0.00	1.00	0.00	B17R
293	11.4	0.133	0.084	1.58	-3.709	3.344	7.2	-37.5	38.2	280.8	40.3	44.8	-102.2	110.8	293.8	0.37	0.00	1.00	0.00	B18R
294	11.0	0.133	0.082	1.632	-3.813	3.466	7.6	-37.6	38.3	281.3	39.7	47.3	-103.9	112.9	294.9	0.39	0.00	1.00	0.00	B19R
295	10.7	0.133	0.079	1.68	-3.95	3.589	7.8	-37.7	38.5	281.7	39.1	49.7	-103.1	114.5	295.7	0.41	0.00	1.00	0.00	B20R
296	10.4	0.134	0.077	1.732	-4.069	3.716	8.1	-37.8	38.7	282.1	38.5	52.1	-104.0	116.4	296.6	0.42	0.00	1.00	0.00	B21R
297	10.1	0.134	0.075	1.785	-4.19	3.846	8.4	-37.9	38.9	282.5	38.0	54.4	-104.9	118.2	297.4	0.44	0.00	1.00	0.00	B22R
298	9.8	0.135	0.073	1.839	-4.312	3.977	8.7	-38.0	39.0	282.9	37.4	56.7	-105.8	120.0	298.2	0.46	0.00	1.00	0.00	B23R
299	9.4	0.135	0.071	1.906	-4.465	4.141	9.0	-38.1	39.1	283.3	36.8	59.4	-106.8	122.2	299.1	0.48	0.00	1.00	0.00	B24R
300	8.9	0.136	0.067	2.013	-4.707	4.401	9.5	-38.2	39.3	283.9	35.8	63.6	-108.3	125.6	300.4	0.49	0.00	1.00	0.00	B24R
301	8.5	0.136	0.064	2.117	-4.925	4.637	9.9	-38.3	39.5	284.5	35.0	67.1	-109.5	128.4	301.4	0.51	0.00	1.00	0.00	B25R
302	8.1	0.137	0.062	2.22	-5.146	4.852	10.2	-38.3	39.6	285.1	34.3	70.6	-110.7	131.4	302.5	0.53	0.00	1.00	0.00	B26R
303	7.8	0.138	0.06	2.287	-5.31	5.055	10.5	-38.3	39.8	285.8	33.7	72.9	-111.5	133.2	303.1	0.55	0.00	1.00	0.00	B27R
304	7.2	0.136	0.056	2.409	-5.715	5.477	10.6	-38.5	39.9	286.5	32.4	75.9	-113.5	136.5	303.7	0.56	0.00	1.00	0.00	B28R
305	6.4	0.131	0.05	2.589	-6.422	6.207	10.5	-38.7	40.1	287.3	30.5	79.6	-116.5	141.1	304.3	0.58	0.00	1.00	0.00	B29R
306	6.0	0.131	0.047	2.758	-6.887	6.7	10.8	-38.7	40.2	288.5	29.4	83.7	-118.2	144.7	305.2	0.6	0.00	1.00	0.00	B30R
307	6.0	0.138	0.048	2.878	-6.779	6.629	11.7	-38.5	40.2	286.9	29.5	87.4	-117.6	146.7	306.7	0.62	0.00	1.00	0.00	B31R
308	6.4	0.146	0.05	2.886	-6.338	6.212	12.5	-38.2	40.2	288.1	30.5	90.0	-115.7	146.6	307.8	0.63	0.00	1.00	0.00	B31R
309	6.8	0.153	0.053	2.876	-5.951	5.841	13.2	-38.0	40.2	289.2	31.5	91.3	-114.0	146.1	308.7	0.65	0.00	1.00	0.00	B32R
310	7.2	0.156	0.052	2.856	-5.572	5.462	13.9	-37.8	40.3	290.3	32.6	92.6	-112.2	145.6	309.7	0.67	0.00	1.00	0.00	B33R
311	7.8	0.168	0.059	2.836	-5.207	5.13	14.8	-37.5	40.3	291.5	33.7	94.1	-110.2	145.0	310.5	0.69	0.00	1.00	0.00	B34R
312	8.4	0.176	0.062	2.815	-4.857	4.799	15.7	-37.2	40.4	292.8	34.8	95.6	-108.2	144.3	311.4	0.7	0.00	1.00	0.00	B35R
313	9.0	0.184	0.066	2.794	-4.527	4.487	16.6	-36.9	40.5	294.2	36.0	97.0	-106.0	143.7	312.4	0.72	0.00	1.00	0.00	B36R
314	9.6	0.193	0.069	2.771	-4.215	4.196	17.6	-36.6	40.6	295.7	37.2	98.4	-103.8	143.1	313.4	0.74	0.00	1.00	0.00	B37R
315	10.3	0.202	0.073	2.748	-3.925	3.925	18.6	-36.2	40.7	297.2	38.5	99.8	-101.6	142.4	314.4	0.76	0.00	1.00	0.00	B38R
316	11.1	0.211	0.077	2.724	-3.654	3.675	19.7	-35.8	40.9	298.8	39.8	101.1	-99.3	141.8	315.5	0.77	0.00	1.00	0.00	B38R
317	11.9	0.221	0.081	2.7	-3.403	3.446	20.9	-35.4	41.2	300.5	41.1	102.5	-97.0	141.1	316.5	0.79	0.00	1.00	0.00	B39R
318	12.8	0.23	0.086	2.676	-3.174	3.237	22.1	-35.0	41.4	302.2	42.4	103.8	-94.6	140.5	317.8	0.81	0.00	1.00	0.00	B40R
319	13.7	0.239	0.09	2.652	-2.965	3.047	23.3	-34.6	41.7	303.9	43.8	105.1	-92.2	139.9	318.7	0.83	0.00	1.00	0.00	B41R
320	14.6	0.249	0.094	2.628	-2.769	2.874	24.5	-34.1	42.1	305.7	45.1	106.4	-89.8	139.3	319.8	0.84	0.00	1.00	0.00	B42R
321	15.6	0.258	0.099	2.605	-2.592	2.718	25.8	-33.7	42.4	307.5	46.4	107.6	-87.5	138.7	320.8	0.86	0.00	1.00	0.00	B43R
322	16.6	0.267	0.103	2.582	-2.431	2.578	27.1	-33.2	42.7	309.2	47.8	108.7	-85.1	138.1	321.9	0.88	0.00	1.00	0.00	B44R
323	17.6	0.276	0.107	2.56	-2.284	2.451	28.4	-32.7	43.3	311.0	49.1	109.8	-82.8	137.5	322.9	0.9	0.00	1.00	0.00	B45R
324	18.7	0.284	0.112	2.538	-2.151	2.337	29.8	-32.2	43.8	312.7	50.4	110.9	-80.4	137.0	324.0	0.91	0.00	1.00	0.00	B46R
325	19.8	0.292	0.116	2.516	-2.03	2.235	31.1	-31.6	44.4	314.4	51.6	111.8	-78.2	136.5	325.0	0.93	0.00	1.00	0.00	B46R
326	20.9	0.3	0.12	2.496	-1.924	2.143	32.4	-31.1	44.9	316.1	52.9	112.7	-76.5	136.0	326.0	0.95	0.00	1.00	0.00	B47R
327	23.0	0.313	0.128	2.442	-1.739	1.981	34.4	-30.0	45.7	318.8	55.1	113.3	-71.9	134.2	327.6	0.97	0.00	1.00	0.00	B48R
328	25.2	0.324	0.136	2.379	-1.582	1.832	36.0	-28.9	46.2	321.2	57.2	113.0	-67.9	131.9	329.0	0.98	0.00	1.00	0.00	B49R
329	27.0																			

Ostwald-Optimalfarben (o) von maximalem (m) C_{AB} für D65, $Y_w,10=100$, $Y_m=520_770$, 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	%		
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	0.0	0.2152	-0.0857	0.0				%
Ostwald-Optimalfarben (o) von maximalem (m) C_{AB} für D65, $Y_w,10=100$, $Y_m=770_520$, 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	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	0.0	0.2152	-0.0857	0.0				%

rgb_{ab}- und CIE-Daten eines Elementar-Bunttonkreises nach CIE R1-47 für Ostwald-Farben für CIE-Lichtart D65

Yxy, abc_{AB}, ABC_{AB}, LabC_{ab} at h_{ab}-Daten für relative Stufung des Elementarbuntton h_{ab} von CIELAB für CIE-10-Grad Beobachter

Elementar-Bunttonen mit 4 Ziel-Elementar-Bunttonwinkeln (R): 39.2, 54.5, 26.4, 10 (Y): 7.9, 5, 25.9, 87.3, 158.8, 252.1 in CIELAB und 15,2 (B): 52.3 -39.6 90,3 (B): 33.6 -12.8 -39.9

000, 001, ..., 008, CIELAB-Daten CIE-Testfarben 9 (R):		39.2, 54.5, 26.4, 10 (Y):					7.9, 5, 25.9, 87.3, 158.8, 252.1 in CIELAB und 15,2 (B):					52.3 -39.6 90,3 (B):				33.6 -12.8 -39.9				
no.	ab ₁₀	x ₁₀	y ₁₀	a ₁₀	b ₁₀	c _{AB} 10	A ₁₀	B ₁₀	C _{AB} 10	h _{AB} 10	L ₁₀	a* ₁₀	b* ₁₀	C* _{ab} 10	h _{ab} 10	rgb _{ab} 10	Code _{ab} 10			
000	40.0	0.447	0.257	1.737	-0.458	0.789	31.5	-1.1	31.6	357.8	69.4	82.4	-3.2	82.4	357.7	1.00	0.00	0.48	B75R	
001	40.0	0.445	0.259	1.734	-0.445	0.786	31.4	-0.6	31.4	358.8	69.4	82.2	-1.8	82.2	358.7	1.00	0.00	0.46	B76R	
002	40.0	0.454	0.262	1.731	-0.432	0.783	31.3	-0.1	31.3	359.7	69.5	81.9	-0.3	81.9	359.7	1.00	0.00	0.44	B77R	
003	40.0	0.457	0.264	1.728	-0.419	0.78	31.2	0.3	31.2	0.7	69.5	81.7	1.1	81.7	0.7	1.00	0.00	0.42	B78R	
004	40.0	0.461	0.267	1.725	-0.406	0.778	31.1	0.9	31.1	1.6	69.5	81.4	2.6	81.4	1.8	1.00	0.00	0.4	B79R	
005	40.0	0.464	0.269	1.722	-0.393	0.775	31.0	1.4	31.0	2.6	69.5	81.1	4.2	81.3	2.9	1.00	0.00	0.38	B80R	
006	40.0	0.468	0.272	1.719	-0.38	0.773	30.9	1.9	30.9	3.6	69.5	80.9	5.7	81.1	4.0	1.00	0.00	0.35	B81R	
007	40.0	0.472	0.275	1.716	-0.367	0.771	30.7	2.4	30.8	4.5	69.5	80.6	7.4	80.9	5.2	1.00	0.00	0.35	B82R	
008	40.0	0.477	0.277	1.713	-0.354	0.768	30.6	2.9	30.9	5.5	69.5	80.3	9.3	80.6	6.5	1.00	0.00	0.36	B83R	
009	40.1	0.479	0.28	1.709	-0.342	0.766	30.5	3.5	30.7	6.5	69.5	80.0	10.7	80.7	7.6	1.00	0.00	0.31	B84R	
010	40.1	0.483	0.283	1.706	-0.329	0.764	30.4	4.0	30.6	7.5	69.5	79.7	12.4	80.7	8.8	1.00	0.00	0.29	B85R	
011	40.1	0.487	0.286	1.702	-0.316	0.762	30.2	4.5	30.6	8.4	69.5	79.4	14.2	80.7	10.1	1.00	0.00	0.27	B86R	
012	40.1	0.491	0.289	1.699	-0.304	0.761	30.1	5.0	30.5	9.4	69.5	79.1	15.9	80.7	11.4	1.00	0.00	0.25	B87R	
013	40.1	0.494	0.291	1.695	-0.292	0.759	30.0	5.5	30.5	10.4	69.5	78.8	17.7	80.8	12.7	1.00	0.00	0.23	B88R	
014	40.1	0.498	0.294	1.691	-0.279	0.758	29.8	6.0	30.4	11.3	69.6	78.5	19.6	80.9	14.0	1.00	0.00	0.22	B88R	
015	40.2	0.502	0.297	1.687	-0.268	0.757	29.7	6.4	30.4	12.2	69.6	78.2	21.4	81.1	15.3	1.00	0.00	0.18	B90R	
016	40.2	0.506	0.299	1.684	-0.256	0.756	29.6	6.9	30.4	13.1	69.6	77.9	23.3	81.2	16.6	1.00	0.00	0.18	B90R	
017	40.2	0.51	0.303	1.68	-0.244	0.754	29.4	7.4	30.3	14.1	69.6	77.5	25.2	81.5	18.0	1.00	0.00	0.16	B91R	
018	40.2	0.514	0.306	1.676	-0.233	0.753	29.3	7.8	30.3	15.0	69.6	77.2	27.1	81.8	19.3	1.00	0.00	0.14	B92R	
019	40.2	0.517	0.309	1.672	-0.222	0.752	29.3	8.3	30.3	15.9	69.6	76.8	29.0	82.1	20.6	1.00	0.00	0.12	B93R	
020	40.3	0.521	0.312	1.667	-0.211	0.752	29.0	8.7	30.3	16.8	69.6	76.5	30.9	82.5	22.0	1.00	0.00	0.1	B94R	
021	40.3	0.525	0.315	1.663	-0.201	0.751	28.8	9.1	30.2	17.6	69.7	76.1	32.9	82.9	23.4	1.00	0.00	0.09	B95R	
022	40.3	0.528	0.318	1.659	-0.191	0.75	28.7	9.6	30.2	18.5	69.7	75.8	34.9	83.4	24.7	1.00	0.00	0.07	B96R	
023	40.3	0.532	0.321	1.655	-0.181	0.749	28.5	10.0	30.2	19.3	69.7	75.5	36.9	84.0	26.1	1.00	0.00	0.05	B98R	
024	40.4	0.534	0.324	1.653	-0.172	0.748	28.4	10.4	30.2	20.1	69.7	75.2	38.9	84.7	27.4	1.00	0.00	0.05	B98R	
025	40.4	0.539	0.327	1.646	-0.162	0.748	28.2	10.8	30.2	20.9	69.7	74.7	40.9	85.2	28.7	1.00	0.00	0.01	B99R	
026	40.4	0.542	0.33	1.642	-0.152	0.747	28.1	11.3	30.2	21.7	69.8	74.3	43.0	85.9	30.0	1.00	0.00	0.00	0.00	0.00
027	40.5	0.546	0.333	1.638	-0.144	0.746	27.9	11.5	30.2	22.4	69.8	73.9	45.1	86.6	31.3	1.00	0.01	0.00	0.00	0.00
028	40.5	0.549	0.336	1.633	-0.135	0.745	27.7	11.9	30.2	23.1	69.8	73.5	47.1	87.4	32.6	1.00	0.03	0.00	0.00	0.00
029	40.5	0.552	0.339	1.629	-0.127	0.745	27.6	12.2	30.2	23.8	69.8	73.2	49.2	88.2	33.9	1.00	0.05	0.00	0.00	0.00
030	40.5	0.555	0.342	1.624	-0.119	0.744	27.4	12.5	30.2	24.5	69.8	72.8	51.3	89.1	35.1	1.00	0.06	0.00	0.00	0.00
031	40.6	0.558	0.344	1.62	-0.112	0.743	27.3	12.8	30.2	25.2	69.9	72.4	53.4	90.0	36.4	1.00	0.08	0.00	0.00	0.00
032	40.6	0.561	0.347	1.615	-0.107	0.742	27.1	13.0	30.1	25.9	69.9	72.1	55.5	90.9	37.6	1.00	0.09	0.00	0.00	0.00
033	40.7	0.564	0.35	1.611	-0.097	0.741	26.9	13.4	30.1	26.5	69.9	71.6	57.6	91.9	38.8	1.00	0.11	0.00	0.00	0.00
034	40.7	0.566	0.352	1.606	-0.091	0.74	26.8	13.7	30.1	27.1	69.9	71.2	59.8	93.0	40.0	1.00	0.13	0.00	0.00	0.00
035	40.7	0.569	0.355	1.602	-0.084	0.739	26.6	14.0	30.1	27.7	70.0	70.8	61.9	94.1	41.1	1.00	0.14	0.00	0.00	0.00
036	40.8	0.571	0.357	1.597	-0.078	0.738	26.5	14.3	30.1	28.3	70.0	70.4	64.0	95.2	42.2	1.00	0.16	0.00	0.00	0.00
037	40.8	0.573	0.36	1.592	-0.072	0.737	26.3	14.5	30.0	28.9	70.0	70.0	66.2	96.3	43.3	1.00	0.18	0.00	0.00	0.00
038	40.9	0.576	0.362	1.588	-0.067	0.735	26.1	14.8	30.0	29.4	70.1	69.6	68.3	97.5	44.4	1.00	0.19	0.00	0.00	0.00
039	40.9	0.578	0.365	1.583	-0.062	0.733	26.0	15.0	30.0	30.0	70.1	69.2	70.5	98.6	45.5	1.00	0.22	0.00	0.00	0.00
040	41.0	0.58	0.367	1.579	-0.057	0.732	25.8	15.2	30.0	30.6	70.1	68.8	72.6	99.7	46.6	1.00	0.22	0.00	0.00	0.00
041	41.0	0.581	0.369	1.574	-0.052	0.731	25.6	15.4	29.9	31.0	70.1	68.4	74.8	101.3	47.5	1.00	0.24	0.00	0.00	0.00
042	41.0	0.583	0.371	1.569	-0.048	0.728	25.5	15.6	29.9	31.5	70.2	67.9	76.9	102.6	48.5	1.00	0.26	0.00	0.00	0.00
043	41.1	0.584	0.373	1.564	-0.044	0.727	25.3	15.8	29.9	31.9	70.2	67.5	79.0	104.0	49.4	1.00	0.27	0.00	0.00	0.00
044	41.1	0.586	0.375	1.56	-0.04	0.725	25.1	16.0	29.8	32.4	70.2	67.1	81.2	105.3	50.4	1.00	0.29	0.00	0.00	0.00
045	41.2	0.587	0.377	1.555	-0.036	0.723	25.0	16.1	29.8	32.8	70.3	66.7	83.3	106.7	51.3	1.00	0.31	0.00	0.00	0.00
046	41.2	0.588	0.379	1.55	-0.033	0.721	24.8	16.3	29.7	33.3	70.3	66.3	85.4	108.2	52.1	1.00	0.32	0.00	0.00	0.00
047	41.3	0.589	0.381	1.546	-0.03	0.719	24.7	16.5	29.7	33.7	70.4	65.9	87.6	109.6	53.0	1.00	0.34	0.00	0.00	0.00
048	41.3	0.59	0.383	1.541	-0.027	0.716	24.5	16.6	29.6	34.1	70.4	65.5	89.7	111.0	53.8	1.00	0.35	0.00	0.00	0.00
049	41.4	0.591	0.384	1.536	-0.024	0.714	24.3	16.7	29.5	34.5	70.4	65.0	91.8	112.5	54.6	1.00	0.37	0.00	0.00	0.00
050	41.4	0.592	0.386	1.532	-0.021	0.713	24.2	16.9	29.5	34.9	70.5	64.6	93.9	114.0	55.4	1.00	0.39	0.00	0.00	0.00
051	41.5	0.592	0.388	1.527	-0.019	0.709	24.0	17.0	29.4	35.2	70.5	64.2	96.0	115.5	56.2	1.00	0.4	0.00	0.00	0.00
052	41.5	0.593	0.389	1.522	-0.017	0.707	23.8	17.1	29.4	35.6	70.5	63.8	98.1	117.0	56.9	1.00	0.42	0.00	0.00	0.00
053	41.6	0.593	0.391	1.518	-0.015	0.704	23.7	17.2	29.3	35.9	70.6	63.4	100.1	118.5	57.6	1.00	0.44	0.00	0.00	0.00
054	41.7	0.594	0.392	1.513	-0.013	0.701	23.5	17.3	29.2	36.3	70.6	63.0	102.2	120.0	58.3	1.00	0.45	0.00	0.00	0.00
055	41.7	0.594	0.393	1.508	-0.011	0.699	23.4	17.4	29.1	36.6	70.7	62.6	104.2	121.6	59.0	1.00	0.47	0.00	0.00	0.00
056	41.8	0.594	0.394	1.504	-0.009	0.696	23.2	17.5	29.1	36.9	70.7	62.1	106.3	123.1	59.6	1.00	0.48	0.00	0.00	0.00
057	41.8	0.594	0.396	1.499	-0.009	0.693	23.1	17.6	29.0	37.3	70.7	61.7	108.3	124.7	60.3	1.00	0.5	0.00	0.00	0.00
058	41.9	0.594	0.397	1.495	-0.007	0.69	22.9	17.6	28.9	37.6	70.8	61.3	110.3	126.2	60.9	1.00	0.52	0.00	0.00	0.00
059	42.0	0.594	0.398	1.49	-0.006	0.687	22.7	17.7	28.9	37.9	70.8	60.9	112.2	127.7	61.5	1.00	0.53	0.00		

rgb^{abc}_{cab}- und CIE-Daten eines Elementar-Buntontkreises nach CIE RI-47 für Ostwald-Farben für CIE-LiChap D65**X_{xy}, rgb^{AB}_{AB}, ABC_{AB}, LabC^{ab}_{ab}-Daten für relative Stufung des Elementarbuntonts h_{ab} von CIELAB für CIE-10-Grad Beobachter****Elementar-Buntonts mit 4 Ziel-Elementar-Testfarben 9 (R): 29.2, 54.5, 26.4, 10 (Y): 25.9, 87.3, 158.8, 252.1 von CIELAB mit 93 Ziel-Buntontwinkeln:**

090, 091, ..., 175	CIELAB-Daten CIE-Testfarben 9 (R):	32.1	54.5	26.4	10 (Y):	25.9	87.3	158.8	252.1	(G):	52.3	32.2	110.1	(B):	33.6	12.8	39.9			
no., ab ₁₀	x ₁₀	y ₁₀	z ₁₀	b ₁₀	c _{AB,10}	A ₁₀	B ₁₀	C _{AB,10}	h _{AB,10}	L ₁₀	a ₁₀ *	b ₁₀ *	C ^{abc,10} _{ab,10}	rgb ^{abc,10} _{ab,10}	Code _{ab,10}					
090	80.6	0.482	0.508	0.949	-0.006	0.423	0.0	34.1	34.1	89.8	91.9	0.1	140.3	140.3	89.9	0.96	1.00	0.00	0.00	Y03G
091	82.0	0.478	0.511	0.934	-0.007	0.422	-1.1	34.6	34.6	91.9	92.5	-2.3	138.2	138.2	89.9	0.94	1.00	0.00	0.00	Y05G
092	83.4	0.473	0.514	0.919	-0.009	0.421	-2.4	35.0	35.1	93.9	93.1	-4.8	136.0	136.1	92.0	0.93	1.00	0.00	0.00	Y06G
093	84.7	0.468	0.517	0.905	-0.01	0.42	-3.6	35.4	35.6	95.8	93.7	-7.2	133.9	134.1	93.0	0.92	1.00	0.00	0.00	Y07G
094	86.0	0.464	0.519	0.892	-0.012	0.42	-4.7	35.8	36.1	97.5	94.3	-9.4	131.9	132.3	94.0	0.9	1.00	0.00	0.00	Y09G
095	87.1	0.46	0.521	0.882	-0.013	0.42	-5.7	36.1	36.6	99.0	94.7	-11.3	130.0	130.7	94.9	0.89	1.00	0.00	0.00	Y10G
096	88.0	0.456	0.522	0.873	-0.015	0.42	-6.5	36.3	36.9	100.2	95.1	-12.9	127.8	128.5	95.7	0.87	1.00	0.00	0.00	Y12G
097	89.3	0.451	0.522	0.863	-0.019	0.418	-7.5	36.6	37.3	102.0	95.7	-14.8	125.7	124.6	96.8	0.86	1.00	0.00	0.00	Y14G
098	90.7	0.447	0.522	0.854	-0.023	0.417	-8.4	36.9	38.0	103.9	96.2	-16.7	123.8	123.5	97.9	0.85	1.00	0.00	0.00	Y16G
099	91.8	0.444	0.518	0.856	-0.028	0.411	-8.4	36.8	37.7	102.8	96.7	-16.2	115.5	116.7	97.9	0.83	1.00	0.00	0.00	Y16G
100	92.3	0.437	0.518	0.843	-0.033	0.409	-9.6	36.5	37.8	104.8	96.9	-18.6	111.4	112.9	99.4	0.82	1.00	0.00	0.00	Y17G
101	92.1	0.432	0.52	0.83	-0.035	0.41	-10.8	36.2	37.8	106.6	96.6	-20.9	109.4	111.4	100.8	0.8	1.00	0.00	0.00	Y19G
102	91.7	0.43	0.522	0.823	-0.036	0.412	-11.4	36.0	37.8	107.6	96.7	-22.3	109.0	111.3	101.5	0.79	1.00	0.00	0.00	Y20G
103	91.3	0.427	0.524	0.814	-0.036	0.414	-12.1	35.8	37.8	108.7	96.5	-23.8	108.6	111.2	102.3	0.78	1.00	0.00	0.00	Y21G
104	90.9	0.424	0.526	0.806	-0.036	0.417	-12.8	35.6	37.9	109.8	96.3	-25.4	108.2	111.1	103.2	0.76	1.00	0.00	0.00	Y23G
105	90.4	0.421	0.529	0.797	-0.037	0.421	-13.6	35.4	37.9	111.0	96.1	-27.1	107.8	111.1	104.1	0.75	1.00	0.00	0.00	Y24G
106	90.0	0.418	0.531	0.789	-0.037	0.423	-14.3	35.2	38.0	112.2	96.0	-28.9	107.0	111.2	105.1	0.74	1.00	0.00	0.00	Y26G
107	89.3	0.415	0.534	0.778	-0.037	0.427	-15.1	35.0	38.1	113.4	95.7	-30.7	106.0	111.3	105.9	0.72	1.00	0.00	0.00	Y27G
108	88.7	0.412	0.536	0.768	-0.037	0.431	-15.9	34.7	38.2	114.6	95.4	-32.5	106.6	111.5	106.9	0.71	1.00	0.00	0.00	Y28G
109	88.1	0.408	0.539	0.757	-0.037	0.435	-16.7	34.4	38.3	115.9	95.2	-34.5	106.3	111.7	107.9	0.69	1.00	0.00	0.00	Y30G
110	87.5	0.405	0.542	0.747	-0.038	0.439	-17.5	34.2	38.4	117.2	94.9	-36.5	105.9	112.0	109.0	0.68	1.00	0.00	0.00	Y31G
111	86.8	0.401	0.545	0.736	-0.038	0.444	-18.4	33.9	38.6	118.4	94.6	-38.5	105.5	112.3	110.0	0.66	1.00	0.00	0.00	Y33G
112	86.1	0.398	0.549	0.724	-0.038	0.445	-19.2	33.6	38.7	119.7	94.4	-40.7	105.0	112.6	111.1	0.65	1.00	0.00	0.00	Y34G
113	85.4	0.394	0.552	0.713	-0.038	0.455	-20.0	33.3	38.9	120.9	94.0	-42.8	104.6	113.0	112.2	0.64	1.00	0.00	0.00	Y36G
114	85.0	0.391	0.555	0.703	-0.039	0.461	-20.8	33.0	39.0	122.2	93.7	-44.9	104.2	113.3	113.1	0.63	1.00	0.00	0.00	Y37G
115	83.9	0.385	0.559	0.69	-0.039	0.467	-21.6	32.7	39.2	123.4	93.4	-47.3	103.6	113.9	114.5	0.61	1.00	0.00	0.00	Y38G
116	83.1	0.381	0.562	0.678	-0.039	0.474	-22.4	32.4	39.4	124.6	93.0	-49.6	103.0	114.4	115.7	0.59	1.00	0.00	0.00	Y40G
117	82.4	0.377	0.566	0.666	-0.04	0.48	-23.2	32.2	39.6	125.8	92.7	-51.9	102.4	114.9	116.8	0.58	1.00	0.00	0.00	Y41G
118	81.6	0.372	0.569	0.655	-0.04	0.486	-23.9	31.7	39.7	127.0	92.4	-54.1	101.8	115.3	118.0	0.57	1.00	0.00	0.00	Y42G
119	81.0	0.368	0.571	0.645	-0.041	0.492	-24.5	31.4	39.8	128.9	92.1	-56.1	100.9	115.5	119.0	0.55	1.00	0.00	0.00	Y44G
120	80.3	0.364	0.574	0.634	-0.042	0.498	-25.1	31.1	40.0	129.9	91.8	-58.1	100.1	115.8	120.1	0.54	1.00	0.00	0.00	Y45G
121	79.7	0.36	0.577	0.624	-0.043	0.503	-25.7	30.7	40.1	129.9	91.5	-60.1	99.2	116.0	121.2	0.52	1.00	0.00	0.00	Y47G
122	79.0	0.357	0.579	0.614	-0.043	0.509	-26.3	30.4	40.2	130.9	91.2	-62.2	98.3	116.2	122.3	0.51	1.00	0.00	0.00	Y48G
123	78.4	0.352	0.582	0.604	-0.044	0.515	-26.9	30.1	40.4	131.7	90.9	-64.2	97.4	116.7	123.3	0.5	1.00	0.00	0.00	Y49G
124	77.7	0.347	0.584	0.594	-0.046	0.521	-27.4	29.8	40.5	132.6	90.6	-66.2	96.5	117.0	124.4	0.48	1.00	0.00	0.00	Y51G
125	77.1	0.343	0.587	0.584	-0.047	0.527	-28.0	29.4	40.6	133.5	90.3	-68.2	95.6	117.4	125.5	0.47	1.00	0.00	0.00	Y52G
126	76.4	0.339	0.589	0.574	-0.048	0.533	-28.5	29.1	40.7	134.4	90.0	-70.2	94.6	117.8	126.5	0.45	1.00	0.00	0.00	Y54G
127	75.8	0.334	0.592	0.565	-0.049	0.539	-29.0	28.8	40.9	135.2	89.7	-72.2	93.6	118.2	127.6	0.44	1.00	0.00	0.00	Y55G
128	75.1	0.33	0.594	0.555	-0.05	0.545	-29.5	28.4	41.0	136.0	89.4	-74.2	92.6	118.7	128.6	0.43	1.00	0.00	0.00	Y56G
129	74.5	0.325	0.596	0.545	-0.051	0.551	-29.9	28.1	41.1	136.8	89.1	-76.1	91.7	119.2	129.7	0.41	1.00	0.00	0.00	Y58G
130	73.9	0.32	0.598	0.534	-0.052	0.557	-30.4	27.8	41.2	137.6	88.7	-78.1	90.7	120.3	130.7	0.4	1.00	0.00	0.00	Y59G
131	73.3	0.317	0.601	0.527	-0.054	0.563	-30.8	27.4	41.3	138.2	88.6	-80.0	89.6	120.2	131.7	0.38	1.00	0.00	0.00	Y61G
132	72.7	0.312	0.603	0.518	-0.055	0.569	-31.2	27.1	41.3	139.0	88.3	-81.9	88.6	120.7	132.7	0.37	1.00	0.00	0.00	Y62G
133	72.1	0.308	0.604	0.509	-0.057	0.575	-31.6	26.8	41.4	139.6	88.0	-83.7	87.6	121.2	133.7	0.36	1.00	0.00	0.00	Y63G
134	71.5	0.304	0.606	0.501	-0.058	0.58	-31.9	26.5	41.5	140.3	87.7	-85.6	86.6	122.1	134.6	0.34	1.00	0.00	0.00	Y65G
135	70.9	0.299	0.608	0.492	-0.06	0.586	-32.3	26.1	41.5	140.9	87.4	-87.4	85.6	122.3	135.5	0.33	1.00	0.00	0.00	Y66G
136	70.4	0.295	0.609	0.484	-0.061	0.591	-32.6	25.8	41.6	141.5	87.1	-89.1	84.6	122.9	136.4	0.31	1.00	0.00	0.00	Y68G
137	69.8	0.291	0.611	0.476	-0.063	0.596	-32.9	25.5	41.6	142.1	86.9	-90.8	83.6	123.4	137.3	0.3	1.00	0.00	0.00	Y69G
138	69.3	0.287	0.612	0.469	-0.065	0.601	-33.2	25.2	41.7	142.7	86.6	-92.5	82.6	124.0	138.2	0.29	1.00	0.00	0.00	Y70G
139	68.8	0.283	0.614	0.461	-0.066	0.606	-33.4	24.9	41.7	143.2	86.4	-94.1	81.6	124.5	139.9	0.27	1.00	0.00	0.00	Y72G
140	42.5	0.577	0.377	1.53	-0.049	0.695	24.7	16.1	29.5	33.2	71.2	65.0	77.7	101.3	50.0	0.26	1.00	0.00	0.00	Y73G
141	42.4	0.576	0.376	1.531	-0.048	0.696	24.7	16.1	29.5	33.0	71.2	65.1	77.2	101.0	49.8	0.24	1.00	0.00	0.00	Y75G
142	42.4	0.576	0.376	1.532	-0.05	0.696	24.8	16.1	29.5	32.9	71.1	65.2	76.7	100.7	49.6	0.23	1.00	0.00	0.00	Y76G
143	42.4	0.576	0.375	1.533	-0.051	0.697	24.8	16.0	29.6	32.8	71.1	65.3	76.2	100.4	49.4	0.22	1.00	0.00	0.00	Y77G
144	42.4	0.575	0.375	1.534	-0.052	0.697	24.9	16.0	29.6	32.7	71.1	65.4	75.8	100.1	49.1	0.2	1.00	0.00	0.00	Y79G
145	42.4	0.575	0.374	1.536	-0.053	0.698	24.9	15.9	29.6	32.5	71.1	65.5	75.3	99.8	48.9	0.19	1.00	0.00	0.00	Y80G
146	42.4	0.575	0.374	1.537	-0.054	0.698	24.9	15.9	29.6	32.4	71.1	65.6	74.8	99.5	48.7	0.17	1.00	0.00	0.00	Y82G
147	42.4	0.574	0.373	1.538	-0.055	0.698	25.0	15.8	29.6	32.3	71.1	65.7	74.3	99.2	48.4	0.16				

rgb_{ab} und CIE-Daten eines Elementar-Bunttonkreises nach CIE RI-47 für Ostwald-Farben für CIE-Lichtart D65

X_{xy}, *abc_{AB}*, *ABC_{AB}*, *LabC_{ab}* *h_{ab}*-Daten für relative Stufung des Elementar-bunttons *h_{ab}* von CIELAB für CIE-10-Grad Beobachter

Elementar-bunttonkreise mit 4 Ziel-Elementar-Bunttonwinkeln (R): 39.2, 54.6, 25.9, 87.3, 158.8, 252.1 in CIELAB und 90, 92 (B): 52.3 –39.6 150, 12 (B): 33.6 –12.8 –39.9

180, 181, ..., 269, CIELAB-Daten CIE-Testfarben (R): 39.2 54.6 25.9, 87.3 158.8, 252.1 in CIELAB und 90, 92 (B): 52.3 –39.6 150, 12 (B): 33.6 –12.8 –39.9																			
no. _{ab}	no. ₁₀	x ₁₀	y ₁₀	z ₁₀	a ₁₀	b ₁₀	c _{AB,10}	A ₁₀	B ₁₀	C _{AB,10}	h _{AB,10}	L _{Y*}	a*	b*	C*	code _{ab,10}			
180	41.9	0.557	0.353	1.577	-0.1	0.71	26.4	13.8	29.8	27.5	70.8	69.2	57.5	90.0	39.7	0.00	1.00	0.45	G22B
181	41.9	0.557	0.352	1.579	-0.101	0.71	26.4	13.7	29.8	27.4	70.8	69.3	57.0	89.8	39.4	0.00	1.00	0.47	G23B
182	41.9	0.556	0.352	1.58	-0.103	0.711	26.5	13.6	29.8	27.2	70.8	69.4	56.5	89.5	39.1	0.00	1.00	0.49	G24B
183	41.9	0.555	0.351	1.581	-0.105	0.711	26.5	13.5	29.8	27.0	70.8	69.5	55.9	89.3	38.8	0.00	1.00	0.51	G25B
184	41.9	0.555	0.35	1.582	-0.107	0.711	26.6	13.5	29.8	26.9	70.8	69.6	55.4	89.0	38.5	0.00	1.00	0.53	G26B
185	41.9	0.554	0.35	1.583	-0.108	0.712	26.6	13.4	29.8	26.7	70.8	69.8	54.9	88.8	38.2	0.00	1.00	0.56	G28B
186	41.8	0.553	0.349	1.585	-0.11	0.712	26.6	13.3	29.8	26.5	70.7	69.9	54.4	88.6	37.9	0.00	1.00	0.58	G29B
187	41.8	0.553	0.348	1.586	-0.112	0.712	26.7	13.2	29.8	26.4	70.7	70.0	53.9	88.3	37.6	0.00	1.00	0.7	G30B
188	41.8	0.548	0.342	1.587	-0.113	0.712	26.7	13.1	29.8	26.3	70.7	70.1	53.4	88.0	37.3	0.00	1.00	0.8	G31B
189	41.8	0.551	0.347	1.588	-0.115	0.713	26.8	13.1	29.8	26.0	70.7	70.2	52.8	87.9	36.9	0.00	1.00	0.64	G32B
190	41.8	0.551	0.346	1.59	-0.117	0.713	26.8	13.0	29.8	25.8	70.7	70.3	52.3	87.7	36.6	0.00	1.00	0.66	G33B
191	41.8	0.55	0.345	1.591	-0.119	0.713	26.9	12.9	29.8	25.7	70.7	70.4	51.8	87.4	36.3	0.00	1.00	0.68	G34B
192	41.8	0.549	0.345	1.592	-0.121	0.714	26.9	12.8	29.8	25.5	70.7	70.5	51.3	87.2	36.0	0.00	1.00	0.71	G35B
193	41.7	0.549	0.344	1.593	-0.123	0.714	26.9	12.7	29.8	25.3	70.7	70.6	50.8	87.0	35.7	0.00	1.00	0.73	G36B
194	41.7	0.548	0.343	1.595	-0.125	0.714	27.0	12.7	29.8	25.1	70.7	70.7	50.3	86.8	35.4	0.00	1.00	0.75	G37B
195	41.7	0.547	0.343	1.596	-0.127	0.715	27.0	12.6	29.8	24.9	70.7	70.8	49.8	86.6	35.0	0.00	1.00	0.77	G38B
196	41.7	0.546	0.342	1.597	-0.129	0.715	27.1	12.5	29.8	24.8	70.7	70.9	49.3	86.4	34.7	0.00	1.00	0.8	G39B
197	41.7	0.546	0.341	1.598	-0.131	0.715	27.1	12.4	29.8	24.6	70.6	71.0	48.7	86.2	34.4	0.00	1.00	0.81	G40B
198	41.7	0.545	0.34	1.599	-0.133	0.715	27.2	12.3	29.8	24.4	70.6	71.1	48.2	86.0	34.1	0.00	1.00	0.83	G41B
199	41.7	0.544	0.34	1.601	-0.135	0.716	27.2	12.2	29.8	24.2	70.6	71.2	47.7	85.8	33.8	0.00	1.00	0.86	G43B
200	41.7	0.543	0.339	1.602	-0.137	0.716	27.2	12.1	29.8	24.0	70.6	71.4	47.2	85.6	33.4	0.00	1.00	0.88	G44B
201	41.6	0.543	0.338	1.603	-0.139	0.716	27.3	12.0	29.8	23.8	70.6	71.5	46.7	85.4	33.1	0.00	1.00	0.9	G45B
202	41.6	0.542	0.337	1.604	-0.141	0.717	27.3	11.9	29.8	23.6	70.6	71.6	46.2	85.2	32.8	0.00	1.00	0.92	G46B
203	41.6	0.541	0.337	1.606	-0.143	0.717	27.4	11.9	29.8	23.4	70.6	71.7	45.6	85.0	32.4	0.00	1.00	0.94	G47B
204	41.6	0.54	0.336	1.607	-0.145	0.717	27.4	11.8	29.8	23.2	70.6	71.8	45.1	84.8	32.1	0.00	1.00	0.96	G48B
205	41.6	0.54	0.335	1.608	-0.147	0.717	27.4	11.7	29.8	23.0	70.6	71.9	44.6	84.6	31.8	0.00	1.00	0.98	G49B
206	41.6	0.539	0.335	1.609	-0.15	0.718	27.5	11.6	29.8	22.8	70.6	72.0	44.1	84.4	31.5	0.00	0.98	1.00	G50B
207	41.6	0.538	0.334	1.61	-0.152	0.718	27.5	11.5	29.8	22.6	70.6	72.1	43.6	84.3	31.1	0.00	0.96	1.00	G51B
208	41.5	0.537	0.333	1.612	-0.154	0.718	27.6	11.4	29.8	22.4	70.5	72.2	43.1	84.1	30.8	0.00	0.94	1.00	G52B
209	41.5	0.536	0.332	1.613	-0.156	0.719	27.6	11.3	29.9	22.2	70.5	72.3	42.6	83.9	30.4	0.00	0.92	1.00	G53B
210	41.5	0.536	0.332	1.614	-0.158	0.719	27.7	11.2	29.9	22.0	70.5	72.4	42.1	83.8	30.1	0.00	0.9	1.00	G54B
211	41.5	0.535	0.331	1.615	-0.161	0.719	27.7	11.1	29.9	21.8	70.5	72.5	41.5	83.6	29.8	0.00	0.88	1.00	G55B
212	41.5	0.534	0.331	1.617	-0.163	0.719	27.8	11.0	29.9	21.6	70.5	72.6	41.0	83.4	29.5	0.00	0.86	1.00	G56B
213	41.5	0.533	0.329	1.618	-0.165	0.72	27.8	10.9	29.9	21.4	70.5	72.7	40.5	83.3	29.1	0.00	0.83	1.00	G58B
214	41.5	0.532	0.328	1.619	-0.168	0.72	27.8	10.8	29.9	21.2	70.5	72.8	40.0	83.1	28.7	0.00	0.81	1.00	G59B
215	41.5	0.531	0.328	1.62	-0.17	0.72	27.9	10.7	29.9	21.0	70.5	72.9	39.5	83.0	28.4	0.00	0.79	1.00	G60B
216	41.4	0.531	0.327	1.622	-0.172	0.721	27.9	10.6	29.9	20.8	70.5	73.0	39.0	82.8	28.1	0.00	0.77	1.00	G61B
217	41.4	0.53	0.326	1.623	-0.175	0.721	28.0	10.5	29.9	20.6	70.5	73.2	38.5	82.7	27.7	0.00	0.75	1.00	G62B
218	41.4	0.529	0.325	1.624	-0.177	0.721	28.0	10.4	29.9	20.4	70.5	73.3	38.0	82.5	27.4	0.00	0.73	1.00	G63B
219	41.4	0.528	0.325	1.625	-0.179	0.722	28.0	10.3	29.9	20.2	70.4	73.4	37.5	82.4	27.0	0.00	0.71	1.00	G64B
220	41.4	0.527	0.324	1.626	-0.181	0.722	28.0	10.2	29.9	19.9	70.4	73.5	37.0	82.2	26.7	0.00	0.69	1.00	G65B
221	41.4	0.526	0.323	1.628	-0.184	0.722	28.1	10.1	29.9	19.7	70.4	73.6	36.5	82.1	26.3	0.00	0.66	1.00	G66B
222	41.4	0.525	0.322	1.629	-0.187	0.723	28.2	10.0	29.9	19.5	70.4	73.7	36.0	82.0	26.0	0.00	0.64	1.00	G67B
223	41.4	0.525	0.322	1.63	-0.189	0.723	28.2	9.9	29.9	19.3	70.4	73.8	35.4	81.9	25.6	0.00	0.62	1.00	G68B
224	41.3	0.524	0.321	1.631	-0.192	0.723	28.2	9.8	29.9	19.1	70.4	73.9	34.9	81.7	25.3	0.00	0.6	1.00	G69B
225	41.3	0.523	0.32	1.633	-0.194	0.724	28.3	9.6	29.9	18.8	70.4	74.0	34.4	81.6	24.9	0.00	0.58	1.00	G70B
226	41.3	0.522	0.319	1.634	-0.197	0.724	28.3	9.5	29.9	18.6	70.4	74.1	33.9	81.5	24.6	0.00	0.56	1.00	G71B
227	41.3	0.521	0.318	1.635	-0.199	0.724	28.4	9.4	29.9	18.4	70.4	74.2	33.4	81.4	24.2	0.00	0.53	1.00	G72B
228	41.3	0.52	0.318	1.636	-0.202	0.725	28.4	9.3	29.9	18.2	70.4	74.3	32.9	81.3	23.9	0.00	0.51	1.00	G74B
229	41.3	0.519	0.317	1.637	-0.205	0.725	28.5	9.2	29.9	17.9	70.4	74.4	32.4	81.2	23.5	0.00	0.49	1.00	G75B
230	41.3	0.518	0.316	1.639	-0.207	0.725	28.5	9.1	29.9	17.7	70.3	74.5	31.9	81.1	23.2	0.00	0.47	1.00	G76B
231	41.2	0.518	0.315	1.64	-0.21	0.726	28.5	9.0	29.9	17.5	70.3	74.6	31.4	81.0	22.8	0.00	0.45	1.00	G77B
232	41.2	0.517	0.315	1.641	-0.213	0.726	28.6	8.9	29.9	17.3	70.3	74.7	30.9	80.9	22.5	0.00	0.43	1.00	G78B
233	41.2	0.516	0.314	1.642	-0.215	0.726	28.6	8.8	29.9	17.0	70.3	74.8	30.4	80.8	22.1	0.00	0.41	1.00	G79B
234	41.2	0.515	0.313	1.643	-0.218	0.727	28.7	8.6	29.9	16.8	70.3	74.9	30.0	80.7	21.8	0.00	0.38	1.00	G80B
235	41.2	0.514	0.312	1.645	-0.221	0.727	28.7	8.5	30.0	16.6	70.3	75.0	29.5	80.6	21.4	0.00	0.36	1.00	G81B
236	41.2	0.513	0.311	1.646	-0.224	0.727	28.7	8.4	30.0	16.3	70.3	75.1	29.0	80.5	21.1	0.00	0.34	1.00	G82B
237	41.2	0.512	0.311	1.647	-0.226	0.728	28.8	8.3	30.0	16.1	70.3	75.2	28.5	80.4	20.7	0.00	0.32	1.00	G83B
238	41.2	0.511	0.31	1.648	-0.229	0.728	28.8	8.2	30.0	15.9	70.3	75.3	28.0	80.4	20.4	0.00	0.3	1.00	G84B
239	41.1	0.51	0.309	1.65	-0.232	0.729	28.9	8.1	30.0	15.6	70.3	75.4	27.5	80.3	20.0	0.00	0.28	1.00	G85B
240	41.1	0.509	0.308	1.651	-0.235	0.729	28.9	7.9	30.0	15.4	70.3	75.5	27.0	80.2	19.6	0.00	0.25	1.00	G87B
241	41.1	0.508	0.307	1.652	-0.238	0.729	28.9	7.8	30.0	15.1	70.2	75.6	26.5	80.1	19.3	0.00	0.23	1.00	G88B
242	41.1	0.507	0.																

no.	no.	x ₁₀	y ₁₀	a ₁₀	b ₁₀	c _{AB,10}	A ₁₀	B ₁₀	C _{AB,10}	h _{AB,10}	L ₁₀	a [*] ₁₀	b [*] ₁₀	C [*] _{ab,10}	h _{ab,10}	rgb ^c _{ab,10}	Code _{ab,10}		
270	40.8	0.481	0.285	1.686	-0.326	0.745	30.1	4.1	30.4	7.9	70.0	78.4	12.9	79.5	9.3	0.26	0.00	1.00	% B13R
271	40.8	0.48	0.284	1.687	-0.329	0.745	30.1	4.0	30.4	7.6	70.0	78.5	12.4	79.5	9.0	0.28	0.00	1.00	% B14R
272	40.7	0.479	0.283	1.688	-0.333	0.746	30.2	3.9	30.4	7.4	70.0	78.6	12.0	79.5	8.6	0.29	0.00	1.00	% B14R
273	40.7	0.478	0.283	1.689	-0.336	0.747	30.2	3.7	30.4	7.1	70.0	78.7	11.5	79.5	8.3	0.31	0.00	1.00	% B15R
274	40.7	0.477	0.282	1.69	-0.339	0.747	30.2	3.6	30.4	6.8	70.0	78.8	11.1	79.6	8.0	0.32	0.00	1.00	% B16R
275	40.7	0.476	0.281	1.691	-0.342	0.748	30.3	3.5	30.5	6.6	70.0	78.9	10.6	79.6	7.7	0.34	0.00	1.00	% B17R
276	40.7	0.475	0.281	1.692	-0.346	0.749	30.3	3.3	30.5	6.3	70.0	79.0	10.2	79.6	7.3	0.35	0.00	1.00	% B18R
277	40.7	0.474	0.281	1.693	-0.349	0.75	30.3	3.2	30.5	6.1	69.9	79.1	9.8	79.7	7.0	0.37	0.00	1.00	% B19R
278	40.7	0.473	0.28	1.694	-0.352	0.751	30.3	3.0	30.5	5.8	69.9	79.2	9.3	79.7	6.7	0.38	0.00	1.00	% B20R
279	40.7	0.472	0.278	1.696	-0.356	0.751	30.4	2.9	30.6	5.5	69.9	79.2	8.9	79.7	6.4	0.4	0.00	1.00	% B20R
280	40.7	0.471	0.278	1.697	-0.359	0.752	30.4	2.8	30.6	5.3	69.9	79.3	8.5	79.8	6.1	0.41	0.00	1.00	% B20R
281	40.6	0.471	0.277	1.698	-0.362	0.753	30.5	2.7	30.6	5.0	69.9	79.4	8.0	79.8	5.8	0.43	0.00	1.00	% B21R
282	40.6	0.47	0.276	1.699	-0.366	0.753	30.5	2.5	30.6	4.8	69.9	79.5	7.6	79.9	5.4	0.44	0.00	1.00	% B22R
283	40.6	0.469	0.275	1.7	-0.369	0.754	30.5	2.4	30.6	4.5	69.9	79.6	7.2	79.9	5.1	0.46	0.00	1.00	% B23R
284	40.6	0.468	0.275	1.701	-0.372	0.755	30.6	2.2	30.7	4.2	69.9	79.7	6.7	80.0	4.8	0.47	0.00	1.00	% B23R
285	40.6	0.467	0.274	1.702	-0.376	0.756	30.6	2.1	30.7	4.0	69.9	79.8	6.3	80.0	4.5	0.49	0.00	1.00	% B24R
286	40.6	0.467	0.273	1.703	-0.38	0.757	30.7	2.0	30.7	3.7	69.9	79.8	5.9	80.0	4.2	0.51	0.00	1.00	% B25R
287	40.6	0.465	0.273	1.704	-0.382	0.758	30.7	1.8	30.7	3.5	69.9	79.9	5.5	80.1	3.9	0.52	0.00	1.00	% B26R
288	40.6	0.464	0.272	1.705	-0.386	0.758	30.7	1.7	30.8	3.2	69.9	80.0	5.1	80.2	3.6	0.53	0.00	1.00	% B26R
289	40.6	0.463	0.271	1.706	-0.389	0.759	30.8	1.6	30.8	2.9	69.9	80.1	4.7	80.2	3.3	0.55	0.00	1.00	% B27R
290	40.5	0.462	0.27	1.707	-0.393	0.76	30.8	1.4	30.8	2.7	69.8	80.2	4.2	80.3	3.0	0.56	0.00	1.00	% B28R
291	40.5	0.461	0.27	1.708	-0.396	0.761	30.8	1.3	30.9	2.4	69.8	80.3	3.8	80.4	2.7	0.58	0.00	1.00	% B29R
292	40.5	0.46	0.269	1.709	-0.399	0.762	30.9	1.1	30.9	2.2	69.8	80.4	3.4	80.4	2.4	0.59	0.00	1.00	% B29R
293	40.5	0.46	0.268	1.71	-0.403	0.763	30.9	1.0	30.9	1.9	69.8	80.4	3.0	80.5	2.1	0.6	0.00	1.00	% B30R
294	40.5	0.459	0.268	1.712	-0.407	0.764	30.9	0.9	30.9	1.6	69.8	80.5	2.6	80.5	1.8	0.62	0.00	1.00	% B31R
295	40.5	0.458	0.267	1.713	-0.41	0.765	31.0	0.7	31.0	1.4	69.8	80.6	2.2	80.6	1.5	0.64	0.00	1.00	% B32R
296	40.5	0.457	0.266	1.714	-0.413	0.766	31.0	0.6	31.0	1.1	69.8	80.7	1.8	80.7	1.3	0.65	0.00	1.00	% B32R
297	40.5	0.456	0.266	1.715	-0.416	0.767	31.0	0.5	31.0	0.9	69.8	80.8	1.4	80.8	1.0	0.67	0.00	1.00	% B33R
298	40.5	0.455	0.265	1.716	-0.42	0.768	31.1	0.3	31.1	0.6	69.8	80.9	1.0	80.9	0.7	0.68	0.00	1.00	% B34R
299	40.5	0.454	0.264	1.717	-0.423	0.769	31.1	0.2	31.1	0.4	69.8	80.9	0.6	80.9	0.4	0.7	0.00	1.00	% B35R
300	40.4	0.453	0.264	1.718	-0.427	0.77	31.1	0.0	31.1	0.1	69.8	81.0	0.2	81.0	0.1	0.71	0.00	1.00	% B35R
301	40.4	0.452	0.263	1.719	-0.43	0.771	31.2	0	31.2	359.9	69.8	81.1	-0.1	81.1	359.9	0.73	0.00	1.00	% B36R
302	40.4	0.452	0.262	1.72	-0.433	0.772	31.2	-0.3	31.2	359.6	69.8	81.2	-0.5	81.2	359.6	0.73	0.00	1.00	% B37R
303	40.4	0.451	0.262	1.721	-0.437	0.773	31.2	-0.3	31.2	359.4	69.7	81.3	-0.8	81.3	359.4	0.76	0.00	1.00	% B38R
304	40.4	0.45	0.261	1.722	-0.44	0.774	31.3	-0.4	31.3	359.1	69.7	81.3	-1.2	81.3	359.0	0.77	0.00	1.00	% B38R
305	40.4	0.449	0.26	1.723	-0.443	0.775	31.3	-0.5	31.3	358.9	69.7	81.4	-1.6	81.4	358.8	0.79	0.00	1.00	% B39R
306	40.4	0.448	0.26	1.723	-0.447	0.776	31.3	-0.7	31.3	358.6	69.7	81.5	-2.0	81.5	358.5	0.8	0.00	1.00	% B40R
307	40.4	0.447	0.259	1.724	-0.45	0.777	31.4	-0.8	31.4	358.4	69.7	81.6	-2.4	81.6	358.3	0.82	0.00	1.00	% B41R
308	40.4	0.446	0.258	1.725	-0.454	0.778	31.4	-1.0	31.4	358.1	69.7	81.6	-2.7	81.7	358.0	0.83	0.00	1.00	% B41R
309	40.4	0.446	0.258	1.726	-0.457	0.779	31.4	-1.1	31.4	357.9	69.7	81.7	-3.1	81.8	357.7	0.85	0.00	1.00	% B42R
310	40.3	0.445	0.257	1.727	-0.46	0.78	31.5	-1.2	31.5	357.6	69.7	81.8	-3.5	81.8	357.5	0.87	0.00	1.00	% B43R
311	40.3	0.444	0.257	1.728	-0.464	0.781	31.5	-1.4	31.5	357.4	69.7	81.9	-3.8	82.0	357.2	0.88	0.00	1.00	% B44R
312	40.3	0.443	0.256	1.729	-0.467	0.782	31.5	-1.5	31.5	357.2	69.7	82.0	-4.2	82.1	357.0	0.89	0.00	1.00	% B44R
313	40.3	0.442	0.255	1.73	-0.47	0.783	31.5	-1.6	31.6	356.9	69.7	82.0	-4.6	82.2	356.7	0.91	0.00	1.00	% B45R
314	40.3	0.442	0.255	1.731	-0.474	0.784	31.6	-1.8	31.6	356.7	69.7	82.1	-4.9	82.3	356.5	0.92	0.00	1.00	% B46R
315	40.3	0.441	0.254	1.732	-0.477	0.785	31.6	-1.9	31.7	356.4	69.7	82.2	-5.3	82.3	356.2	0.94	0.00	1.00	% B47R
316	40.3	0.44	0.254	1.733	-0.48	0.787	31.6	-2.0	31.7	356.2	69.7	82.2	-5.6	82.4	356.0	0.95	0.00	1.00	% B47R
317	40.3	0.439	0.253	1.734	-0.484	0.788	31.7	-2.2	31.7	356.0	69.6	82.3	-6.0	82.5	355.8	0.96	0.00	1.00	% B48R
318	40.3	0.438	0.252	1.735	-0.487	0.789	31.7	-2.3	31.8	355.7	69.6	82.4	-6.3	82.6	355.5	0.98	0.00	1.00	% B49R
319	40.3	0.438	0.252	1.736	-0.49	0.79	31.7	-2.4	31.8	355.5	69.6	82.5	-6.7	82.7	355.3	1.00	0.00	1.00	% B49R
320	40.2	0.437	0.251	1.737	-0.494	0.791	31.7	-2.6	31.8	355.3	69.6	82.5	-7.0	82.8	355.0	1.00	0.00	0.98	% B50R
321	40.2	0.436	0.251	1.737	-0.497	0.792	31.8	-2.7	31.9	355.0	69.6	82.6	-7.4	82.9	354.8	1.00	0.00	0.97	% B51R
322	40.2	0.435	0.25	1.738	-0.5	0.793	31.8	-2.8	31.9	354.8	69.6	82.7	-7.7	83.0	354.6	1.00	0.00	0.95	% B52R
323	40.2	0.434	0.25	1.739	-0.503	0.795	31.8	-3.0	32.0	354.6	69.6	82.7	-8.0	83.1	354.4	1.00	0.00	0.94	% B52R
324	40.2	0.434	0.249	1.74	-0.507	0.796	31.9	-3.1	32.0	354.3	69.6	82.8	-8.4	83.2	354.1	1.00	0.00	0.92	% B53R
325	40.2	0.433	0.248	1.741	-0.51	0.797	31.9	-3.2	32.0	354.1	69.6	82.9	-8.7	83.3	353.9	1.00	0.00	0.91	% B54R
326	40.2	0.432	0.248	1.745	-0.513	0.798	31.9	-3.3	32.1	353.9	69.6	83.0	-9.0	83.4	353.7	1.00	0.00	0.89	% B55R
327	40.2	0.431	0.247	1.743	-0.516	0.799	31.9	-3.5	32.1	353.7	69.6	83.0	-9.4	83.5	353.5	1.00	0.00	0.88	% B55R
328	40.2	0.431	0.247	1.743	-0.52	0.801	32.0	-3.6	32.2	353.4	69.6	83.1	-9.7	83.7	353.3	1.00	0.00	0.86	% B56R
329	40.2	0.43	0.246	1.744	-0.523	0.802	32.0	-3.7	32.2	353.2	69.6	83.2	-10.0	83.8	353.1	1.00	0.00	0.85	% B57R
330	40.2	0.429	0.246	1.745	-0.526	0.803	32.0	-3.9	32.3	353.0	69.6	83.2	-10.3	83.9	352.8	1.00	0.00	0.83	% B58R
331	40.1	0.429	0.245	1.746	-0.529	0.804	32.0	-4.0	32.3	352.8	69.6	83.3	-10.6	84.0	352.6	1.00	0.00	0.82	% B58R
332	40.1	0.428	0.245	1.747	-0.532	0.805	32.1	-4.1	32.3	352.6	69.6	83.3	-10.9	84.1	352.4	1.00	0		