

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

X_{xy}, abc_{AB}, ABC_{AB}, LabC_{ab} at_{hab}-Daten für relative Stufung des Elementarbunttons hab 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

no.	ab	Y	x	a	b	c	AB	A	B	CA	hAB	ab*	a*	b*	C*	h _{ab}	rgb _{abc}	Code _{ab}	
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	78.8	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	30.1	4.8	70.0	78.3	7.5	78.7	5.4	1.00	0.00	0.37	#B81R
010	40.9	0.469	0.278	1.683	-0.361	0.736	29.9	3.0	30.1	5.7	70.0	77.9	8.9	78.4	6.5	1.00	0.00	0.35	#B82R
011	40.9	0.471	0.281	1.677	-0.35	0.732	29.7	3.4	29.9	6.6	70.0	77.4	10.3	78.1	7.5	1.00	0.00	0.33	#B83R
012	40.9	0.474	0.283	1.672	-0.34	0.728	29.5	3.9	29.8	7.5	70.0	76.9	11.7	77.8	8.6	1.00	0.00	0.3	#B84R
013	40.9	0.477	0.286	1.667	-0.329	0.724	29.3	4.3	29.7	8.4	70.0	76.5	13.2	77.6	9.8	1.00	0.00	0.28	#B85R
014	41.0	0.48	0.289	1.662	-0.318	0.721	29.1	4.7	29.5	9.3	70.0	76.0	14.7	77.4	10.9	1.00	0.00	0.26	#B86R
015	41.0	0.483	0.291	1.656	-0.308	0.717	28.9	5.2	29.4	10.2	70.0	75.6	16.2	77.3	12.1	1.00	0.00	0.24	#B87R
016	41.0	0.484	0.294	1.651	-0.306	0.716	28.8	5.7	29.3	11.1	70.0	75.2	17.7	77.2	13.2	1.00	0.00	0.22	#B88R
017	41.0	0.489	0.297	1.646	-0.286	0.711	28.5	6.1	29.2	12.0	70.0	74.6	19.2	77.1	14.4	1.00	0.00	0.19	#B90R
018	41.0	0.492	0.3	1.641	-0.276	0.709	28.3	6.5	29.1	12.9	70.0	74.2	20.8	77.1	15.7	1.00	0.00	0.17	#B91R
019	41.0	0.495	0.302	1.636	-0.266	0.706	28.1	6.9	29.0	13.8	70.0	73.7	22.4	77.1	16.9	1.00	0.00	0.15	#B92R
020	41.1	0.498	0.305	1.631	-0.256	0.704	27.9	7.3	28.9	14.7	70.0	73.3	24.1	77.1	18.1	1.00	0.00	0.12	#B93R
021	41.1	0.501	0.308	1.626	-0.246	0.701	27.7	7.7	28.8	15.6	70.0	72.8	25.7	77.3	19.4	1.00	0.00	0.1	#B94R
022	41.1	0.504	0.311	1.621	-0.236	0.699	27.5	8.1	28.7	16.5	70.0	72.4	27.4	77.4	20.7	1.00	0.00	0.08	#B95R
023	41.1	0.507	0.314	1.616	-0.226	0.697	27.4	8.6	28.7	17.4	70.0	72.0	29.1	77.6	22.0	1.00	0.00	0.05	#B98R
024	41.1	0.51	0.317	1.611	-0.216	0.694	27.2	9.0	28.6	18.3	70.0	71.5	30.8	77.5	23.3	1.00	0.00	0.05	#B99R
025	41.1	0.514	0.319	1.606	-0.207	0.694	27.0	9.3	28.6	19.1	70.0	71.1	32.5	78.2	24.6	1.00	0.00	0.01	#B99R
026	41.2	0.517	0.322	1.601	-0.198	0.693	26.8	9.7	28.5	20.0	70.0	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	70.0	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	70.0	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	70.0	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	70.0	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	70.0	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	70.0	68.5	47.8	83.5	34.9	1.00	0.09	0.00	#R09Y
033	41.3	0.544	0.345	1.572	-0.127	0.694	25.7	12.7	28.7	26.3	70.0	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	70.0	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	70.0	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	70.0	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	70.0	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	70.0	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	70.0	66.1	64.0	92.0	44.0	1.00	0.19	0.00	#R19Y
040	41.4	0.565	0.365	1.547	-0.074	0.697	24.8	15.0	28.9	31.1	70.0	65.8	66.3	93.2	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	70.0	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	70.0	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	70.0	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	70.0	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	70.0	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	70.0	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	70.0	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	70.0	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	70.0	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	70.0	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	70.0	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	70.0	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	70.0	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	70.0	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	70.0	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	70.0	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	70.0	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	70.0	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	70.0	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	70.0	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	70.0	60.8	109.9	125.7	61.0	1.00	0.52	0.00	#R52Y
062	40.8	0.6	0.398	1.506	0.0	0.705	22.7	17.7	28.8	3									

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

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

Elementar-Bunttonkreis mit 4 Ziel-Elementar-Bunttonwinkeln: hab = 25.6, 92.4, 162.1, 271.5 von CIELAB und 90 Ziel-Bunttonwinkeln:

180, 181, ..., 269, CIELAB-Daten CIE-Testfarben 9 (R): 4.00 58.9 28.3, 10 (Y): 81.3 -3.0 71.8, 11 (G): 52.2 -4.2 13.6, 12 (B): 30.5 1.2 -46.3

no.	ab	Y	x	z	CIE L	a	b	c	AB	A	B	C	AB	h _{AB}	L	Y	a*	b*	C*	h ₃₁	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	61.6	0.00	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	61.7	0.00	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	61.8	0.00	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	61.9	0.00	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	61.9	0.00	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	62.0	0.00	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	62.1	0.00	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	62.2	0.00	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	89.7	186.0	0.00	1.00	0.47	62.3	0.00	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	62.4	0.00	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	62.5	0.00	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	62.6	0.00	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	62.7	0.00	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	62.8	0.00	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	62.9	0.00	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	63.0	0.00	0.6	G30B
196	58.6	0.163	0.319	0.513	-0.646	0.483	-25.7	-12.4	28.4	205.7	81.1	-77.4	-23.7	80.8	199.0	0.00	1.00	0.61	63.1	0.00	0.61	G31B
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	63.1	0.00	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	63.2	0.00	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	63.3	0.00	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	63.4	0.00	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	63.5	0.00	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	63.6	0.00	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	203.9	0.00	1.00	0.74	63.7	0.00	0.74	G37B
204	58.2	0.163	0.295	0.557	-0.734	0.495	-23.1	-17.2	28.7	216.7	80.8	-68.6	-31.6	75.6	204.7	0.00	1.00	0.75	63.8	0.00	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	63.9	0.00	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	64.0	0.00	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	-66.3	-33.6	74.6	206.7	0.00	1.00	0.82	64.1	0.00	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	64.1	0.00	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	64.2	0.00	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	64.3	0.00	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	64.4	0.00	0.89	G44B
212	50.7	0.149	0.269	0.557	-0.857	0.577	-19.9	-21.4	29.2	227.1	76.4	-64.8	-40.4	76.4	212.3	0.00	1.00	0.91	64.5	0.00	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	64.6	0.00	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	64.7	0.00	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	64.8	0.00	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	64.9	0.00	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	65.0	0.00	0.99	G50B
218	44.5	0.141	0.249	0.566	-0.976	0.662	-17.0	-24.4	29.5	234.6	72.6	-60.4	-47.1	76.6	217.9	0.00	1.00	0.97	65.1	0.00	0.97	G51B
219	43.7	0.14	0.246	0.569	-0.993	0.675	-16.6	-24.9	29.5	235.6	72.0	-59.5	-48.0	76.5	218.8	0.00	1.00	0.96	65.1	0.00	0.96	G51B
220	43.3	0.139	0.243	0.571	-1.011	0.688	-16.2	-25.4	29.6	236.6	71.4	-58.6	-48.9	76.4	219.7	0.00	1.00	0.95	65.2	0.00	0.95	G52B
221	42.1	0.138	0.24	0.575	-1.031	0.703	-15.8	-25.9	29.6	237.8	71.0	-57.7	-49.9	76.3	220.8	0.00	1.00	0.92	65.3	0.00	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	65.4	0.00	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	65.5	0.00	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	65.6	0.00	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	65.7	0.00	0.85	G57B
226	38.7	0.134	0.227	0.591	-1.12	0.773	-13.9	-26.5	30.0	242.3	68.6	-53.2	-54.0	75.8	225.4	0.00	1.00	0.83	65.8	0.00	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	-54.5	75.7	226.2	0.00	1.00	0.81	65.9	0.00	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	66.0	0.00	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	66.1	0.00	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	66.2	0.00	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	66.3	0.00	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	66.4	0.00	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	66.4	0.00	0.7	G64B
234	34.0	0.13	0.207	0.631																		

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

X_{xy}, Y_{xy}, Lab_{AB}, ABC_{AB}, LabC_{ab} at_{lab}-Daten für relative Stufung des Elementarbunttons h_{ab} von CIELAB für CIE-2-Grad Beobachter

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

270, 271, ..., 360, 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

no.	ab	Y	x	z	CIE L	a	b	c	AB	A	B	C	h _{ab}	L*	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	0.0	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	0.0	0.0	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	0.0	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	0.0	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	0.0	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	0.0	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	0.0	1.00	0.00	B05R
278	16.7	0.127	0.117	1.09	-2.571	2.141	2.3	-35.6	35.7	273.7	47.9	12.7	-88.9	89.6	278.3	0.11	0.0	1.00	0.00	B06R
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	0.0	1.00	0.00	B07R
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	0.0	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	0.0	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	0.0	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	0.0	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	0.0	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	0.0	1.00	0.00	B11R
286	14.0	0.127	0.101	1.282	-3.04	2.62	4.6	-36.6	37.0	277.3	44.5	27.6	-94.8	98.6	285.9	0.25	0.0	1.00	0.00	B12R
287	13.7	0.13	0.098	1.312	-3.121	2.712	5.0	-36.8	37.1	277.8	43.8	29.9	-95.7	100.2	287.3	0.27	0.0	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	0.0	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	0.0	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	0.0	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	0.0	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	0.0	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	-101.2	110.8	293.8	0.37	0.0	1.00	0.00	B18R
294	11.0	0.133	0.082	1.628	-3.813	3.466	7.6	-37.6	38.3	281.3	39.7	47.3	-102.0	112.8	294.9	0.39	0.0	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	0.0	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	0.0	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	0.0	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	0.0	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	0.0	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	0.0	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	0.0	1.00	0.00	B25R
302	8.1	0.137	0.062	2.202	-5.138	4.852	10.2	-38.3	39.6	285.1	34.3	70.9	-110.7	131.6	302.4	0.53	0.0	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	0.0	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	0.0	1.00	0.00	B28R
305	6.4	0.131	0.05	2.589	-6.422	6.207	10.5	-38.7	40.1	285.3	30.5	79.6	-116.5	141.1	304.3	0.58	0.0	1.00	0.00	B29R
306	6.0	0.131	0.047	2.758	-6.887	6.7	10.8	-38.7	40.2	285.6	29.4	83.7	-118.2	144.7	305.2	0.6	0.0	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	0.0	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	0.0	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	93.3	-114.0	146.1	308.7	0.65	0.0	1.00	0.00	B32R
310	7.1	0.156	0.052	2.856	-5.572	5.462	13.9	-37.8	40.2	290.3	32.5	96.6	-112.2	145.6	309.6	0.67	0.0	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	0.0	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	0.0	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	0.0	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	0.0	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	0.0	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	0.0	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	0.0	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	317.6	0.81	0.0	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	0.0	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	0.0	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	0.0	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	0.0	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	0.0	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	0.0	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	0.0	1.00	0.00	B47R
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	-76.0	136.0	326.0	0.95	0.0	1.00	0.00	B48R
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	0.0	1.00	0.00	B48R
328	25.2	0.324	0.136	2.399	-1.582	1.832	36.0	-28.9	46.2	321.2	57.2	113.0	-67.9	131.9	329.0	0.98	0.0	1.00	0.00	B49R
329	27.0	0.331	0.142	2.32																