

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 R1-47 für Ostwald-Farben für CIE-Lichtart D65

X_{xy}, Lab_{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-Bunttonwinkeln: h_{AB} = 17.7, 93.3, 159.1, 270.8 von LINYAB und 2,0 Ziel-Bunttonwinkeln:

000, 001, ..., 089, LINYAB-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} Y	X	Y	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	#B080
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	#B180
002	40.8	0.453	0.264	1.714	-0.427	0.764	31.1	0.3	31.2	0.6	70.0	80.6	0.9	80.6	0.6	1.00	0.00	0.35	#B280
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	#B380
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	#B480
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	#B580
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	#B680
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	#B780
008	40.9	0.481	0.282	1.672	-0.348	0.729	29.7	3.7	29.9	6.9	70.1	77.2	10.6	77.7	8.1	1.00	0.00	0.23	#B880
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	#B908
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	#B918
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	#B928
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	#B938
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	#B948
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	#B958
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	#B968
016	41.1	0.503	0.308	1.622	-0.246	0.699	27.8	7.8	28.8	15.6	70.2	72.7	25.7	77.2	19.1	1.00	0.00	0.05	#B978
017	41.1	0.505	0.311	1.619	-0.234	0.694	27.5	8.2	28.7	16.7	70.2	72.3	27.7	77.4	21.0	1.00	0.00	0.01	#B988
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	1.57	-0.141	0.686	25.6	12.2	28.4	25.3	70.4	68.0	46.5	82.1	34.4	1.00	0.08	0.00	#R09Y
025	41.4	0.542	0.346	1.563	-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	0.577	0.381	1.518	-0.05	0.686	23.7	15.9	28.5	34.0	70.6	63.1	75.7	98.0	50.1	1.00	0.19	0.00	#R19Y
033	41.7	0.577	0.381	1.518	-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	-0.027	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	121.1	135.4	63.4	1.00	0.28	0.00	#R28Y
040	41.6	0.603	0.403	1.487	0.0	0.695	22.3	18.4	28.9	39.5	70.6	60.2	132.2	146.6	66.2	1.00	0.3	0.00	#R29Y
041	43.3	0.593	0.406	1.458	0.0	0.669	22.0	18.8	28.9	40.5	71.7	58.0	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	56.6	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	#R39Y
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	0.432	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	0.434	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														

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

Yxy, **cab_{AB}**, **ABC_{AB}**, **LabC_{ab}** **h_{ab}**-Daten für 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 **90** Ziel-Bunttonwinkeln:

090.01, 091, ..., 179, LINYAB-Daten CIE-Testfarben 9 (R): **12.1 9.9 3.1, 10 (Y): 59.0 -1.2 20.9, 11 (G): 20.3 -0.7 2.7, 12 (B): 6.4 0.1 -8.2**

no.	no._{AB}^Y	x	y	L	a	b	c_{AB}	A	B	C_{AB}	h_{AB}	L*	a*	b*	C_{ab}	h_{ab}	rgb_{ABC}^{AB}	Code_{AB}	
090	80.7	0.483	0.511	94.7	-0.005	0.43	-0.2	34.7	34.7	90.4	92.0	-0.4	143.5	143.5	90.1	1.00	0.95	0.00	% R95Y
091	81.3	0.481	0.511	94.1	-0.005	0.43	-0.7	35.0	35.0	91.2	92.3	-1.5	143.2	143.2	90.6	1.00	0.96	0.00	% R96Y
092	81.9	0.479	0.512	93.5	-0.005	0.43	-1.2	35.2	35.2	92.0	92.5	-2.4	143.0	143.0	90.9	1.00	0.98	0.00	% R98Y
093	82.8	0.477	0.515	92.6	-0.005	0.43	-1.9	35.5	35.5	93.2	92.9	-3.9	142.8	142.8	91.6	1.00	0.99	0.00	% R99Y
094	83.6	0.474	0.516	91.8	-0.006	0.43	-2.6	35.8	35.9	94.2	93.2	-5.2	142.4	142.5	92.1	0.98	1.00	0.00	% Y01G
095	84.2	0.472	0.518	91.1	-0.006	0.43	-3.2	36.1	36.2	95.1	93.5	-6.4	141.8	141.9	92.6	0.97	1.00	0.00	% Y02G
096	84.9	0.47	0.519	90.5	-0.007	0.43	-3.8	36.3	36.5	96.0	93.8	-7.6	140.8	141.0	93.1	0.95	1.00	0.00	% Y04G
097	85.6	0.468	0.521	89.7	-0.008	0.43	-4.5	36.6	36.8	97.0	94.1	-8.9	139.4	139.7	93.6	0.94	1.00	0.00	% Y06G
098	86.4	0.465	0.522	89.0	-0.008	0.43	-5.2	36.9	37.2	98.0	95.1	-10.2	138.2	138.4	94.0	0.92	1.00	0.00	% Y08G
099	87.2	0.462	0.524	88.1	-0.01	0.431	-5.9	37.1	37.6	99.1	94.8	-11.7	136.5	137.0	94.9	0.91	1.00	0.00	% Y10G
100	88.0	0.459	0.525	87.4	-0.011	0.431	-6.7	37.3	37.9	100.2	95.1	-13.1	135.1	135.8	95.5	0.89	1.00	0.00	% Y10G
101	88.8	0.456	0.527	86.6	-0.012	0.431	-7.4	37.6	38.3	101.2	95.5	-14.5	133.8	134.6	96.2	0.88	1.00	0.00	% Y11G
102	89.6	0.454	0.528	85.9	-0.013	0.432	-8.1	37.8	38.7	102.1	95.8	-15.9	132.5	133.5	96.8	0.86	1.00	0.00	% Y13G
103	90.3	0.451	0.529	85.2	-0.014	0.432	-8.8	38.0	39.0	103.0	96.1	-17.1	131.3	132.4	97.4	0.85	1.00	0.00	% Y14G
104	91.2	0.447	0.53	84.3	-0.016	0.432	-9.7	38.2	39.4	104.2	96.5	-18.8	129.1	130.4	98.3	0.83	1.00	0.00	% Y16G
105	92.0	0.444	0.53	83.3	-0.018	0.432	-10.4	38.3	39.7	105.1	96.8	-20.1	126.7	128.3	99.0	0.82	1.00	0.00	% Y17G
106	92.8	0.442	0.53	82.2	-0.02	0.431	-11.2	38.4	40.0	105.9	97.0	-21.9	124.9	126.9	99.0	0.80	1.00	0.00	% Y19G
107	93.4	0.44	0.528	81.2	-0.024	0.432	-11.7	38.8	40.2	104.9	97.2	-20.4	122.1	122.9	99.5	0.79	1.00	0.00	% Y20G
108	93.6	0.434	0.53	81.1	-0.026	0.43	-12.3	38.3	40.2	102.9	97.4	-23.8	118.7	121.1	101.3	0.77	1.00	0.00	% Y22G
109	93.2	0.431	0.532	81.1	-0.026	0.432	-12.9	38.1	40.2	102.8	97.3	-25.1	118.2	120.8	102.0	0.76	1.00	0.00	% Y23G
110	92.8	0.429	0.534	80.3	-0.027	0.434	-13.6	37.9	40.2	102.9	97.1	-26.5	117.6	120.6	102.6	0.74	1.00	0.00	% Y25G
111	92.3	0.426	0.536	79.6	-0.027	0.436	-14.2	37.6	40.2	103.7	96.9	-27.9	117.1	120.4	103.4	0.73	1.00	0.00	% Y26G
112	91.9	0.424	0.538	78.8	-0.027	0.438	-14.8	37.4	40.3	112.2	96.6	-29.4	116.5	120.0	104.1	0.71	1.00	0.00	% Y28G
113	91.5	0.421	0.54	79.0	-0.028	0.44	-15.6	37.2	40.3	117.6	96.8	-30.5	115.9	120.2	105.9	0.7	1.00	0.00	% Y30G
114	0	0.418	0.542	77.7	-0.029	0.44	-16.2	37.3	40.0	111.7	97.0	-32.5	115.4	120.4	107.8	0.68	1.00	0.00	% Y31G
115	90.5	0.415	0.544	76.2	-0.029	0.447	-16.9	36.7	40.5	114.7	96.2	-34.2	114.7	119.7	106.5	0.67	1.00	0.00	% Y32G
116	90.0	0.412	0.547	75.3	-0.029	0.451	-17.7	36.5	40.6	115.8	96.0	-35.9	114.1	119.6	107.4	0.65	1.00	0.00	% Y34G
117	89.5	0.409	0.549	74.4	-0.03	0.454	-18.4	36.3	40.7	116.9	95.8	-37.6	113.5	119.6	108.3	0.64	1.00	0.00	% Y35G
118	89.0	0.405	0.551	73.5	-0.03	0.458	-19.1	36.0	40.8	118.0	95.6	-39.4	112.9	119.6	109.2	0.62	1.00	0.00	% Y37G
119	88.5	0.402	0.554	72.5	-0.031	0.462	-19.9	35.8	40.9	119.0	95.3	-41.3	112.2	119.6	110.2	0.6	1.00	0.00	% Y39G
120	88.0	0.398	0.557	71.5	-0.031	0.467	-20.6	35.5	41.1	120.1	95.1	-43.2	111.6	119.7	111.1	0.59	1.00	0.00	% Y40G
121	87.4	0.394	0.559	70.5	-0.032	0.472	-21.4	35.2	41.2	121.2	94.9	-45.2	110.9	119.8	112.1	0.57	1.00	0.00	% Y42G
122	86.6	0.391	0.562	69.5	-0.033	0.477	-22.1	35.0	41.3	122.3	94.7	-47.2	110.2	119.9	113.2	0.56	1.00	0.00	% Y43G
123	86.3	0.387	0.565	68.4	-0.033	0.482	-22.9	34.7	41.6	123.4	94.4	-49.3	109.6	120.1	114.2	0.54	1.00	0.00	% Y45G
124	85.8	0.383	0.568	67.4	-0.033	0.487	-23.7	34.4	41.8	124.5	94.2	-51.4	108.9	120.4	115.2	0.53	1.00	0.00	% Y46G
125	85.2	0.379	0.571	66.3	-0.034	0.493	-24.4	34.2	42.0	125.5	93.9	-53.5	108.2	120.7	116.3	0.51	1.00	0.00	% Y48G
126	84.6	0.374	0.574	65.2	-0.034	0.499	-25.2	33.9	42.2	126.6	93.7	-55.7	107.5	121.1	117.3	0.5	1.00	0.00	% Y49G
127	84.1	0.37	0.577	64.1	-0.035	0.505	-25.9	33.6	42.5	127.6	93.5	-57.9	106.8	121.5	118.4	0.48	1.00	0.00	% Y51G
128	83.5	0.366	0.581	63	-0.036	0.511	-26.7	33.3	42.7	128.7	93.2	-60.2	106.1	122.0	119.5	0.47	1.00	0.00	% Y52G
129	82.9	0.361	0.584	61.9	-0.036	0.518	-27.4	33.0	43.0	129.7	93.0	-62.5	105.4	122.5	120.6	0.45	1.00	0.00	% Y54G
130	82.4	0.357	0.587	60.8	-0.037	0.525	-28.1	32.8	43.2	130.8	92.8	-64.9	104.7	123.0	121.7	0.44	1.00	0.00	% Y55G
131	81.8	0.352	0.591	59.6	-0.038	0.532	-28.9	32.5	43.5	131.6	92.5	-67.1	104.0	123.8	122.8	0.42	1.00	0.00	% Y57G
132	81.2	0.348	0.594	58.5	-0.038	0.539	-29.6	32.2	43.8	132.5	92.2	-69.5	103.3	124.5	123.9	0.41	1.00	0.00	% Y58G
133	80.7	0.343	0.597	57.4	-0.039	0.546	-30.3	31.9	44.0	133.5	92.0	-71.9	102.6	125.3	125.0	0.39	1.00	0.00	% Y60G
134	80.1	0.338	0.601	56.3	-0.04	0.553	-31.0	31.7	44.3	134.4	91.7	-74.3	101.8	126.1	126.1	0.38	1.00	0.00	% Y61G
135	79.6	0.333	0.604	55.1	-0.04	0.561	-31.7	31.4	44.6	135.2	91.5	-76.7	101.1	127.0	127.1	0.36	1.00	0.00	% Y63G
136	79.0	0.328	0.608	54	-0.041	0.568	-32.3	31.1	44.9	136.1	91.2	-79.1	100.4	127.9	128.2	0.35	1.00	0.00	% Y64G
137	78.4	0.321	0.612	52.8	-0.042	0.575	-33.2	30.7	45.2	137.2	90.8	-82.7	99.1	129.1	129.8	0.33	1.00	0.00	% Y66G
138	77.9	0.311	0.618	50.4	-0.044	0.593	-34.3	30.0	45.6	138.8	90.2	-87.2	97.2	130.6	131.0	0.32	1.00	0.00	% Y67G
139	75.7	0.302	0.623	48.5	-0.047	0.605	-35.1	29.4	45.8	140.1	89.7	-91.3	95.3	131.9	133.7	0.3	1.00	0.00	% Y69G
140	74.6	0.294	0.627	46.9	-0.049	0.616	-35.8	28.7	45.9	141.2	89.2	-94.9	93.4	133.1	135.4	0.29	1.00	0.00	% Y70G
141	73.5	0.287	0.63	45.5	-0.052	0.626	-36.4	28.2	46.0	142.2	88.7	-98.1	91.5	134.2	136.9	0.27	1.00	0.00	% Y72G
142	72.6	0.28	0.632	44.3	-0.054	0.634	-36.8	27.6	46.0	143.0	88.2	-100.8	89.7	135.0	138.3	0.26	1.00	0.00	% Y73G
143	71.7	0.274	0.634	43.2	-0.057	0.641	-37.1	27.1	45.9	143.8	87.8	-103.2	88.0	135.6	139.5	0.24	1.00	0.00	% Y75G
144	70.8	0.269	0.635	42.3	-0.059	0.646	-37.3	26.6	45.8	144.4	87.4	-105.2	86.2	136.0	140.6	0.23	1.00	0.00	% Y76G
145	70.1	0.264	0.635	41.6	-0.062	0.651	-37.4	26.1	45.6	145.0	87.0	-106.9	84.5	136.3	141.6	0.21	1.00	0.00	% Y78G
146	68.8	0.255	0.636	40.1	-0.067	0.661	-37.8	25.3	45.5	146.2	86.4	-110.3	81.5	137.2	143.5	0.2	1.00	0.00	% Y79G
147	67.6	0.246	0.636	38.7	-0.073	0.669	-38.1	24.4	45.2	147.3	85.8	-113.5	78.3	137.9	145.3	0.18	1.00	0.00	% Y81G
148	66.6	0.238	0.634	37.6	-0.08	0.675	-38.2	23.6	44.9	148.2	85.3	-116.0	75.2	138.2	147.0	0.16	1.00	0.00	% Y83G
149	65.7	0.232	0.63	36.7	-0.087	0.678	-38.3	22.9	44.6	149.1	84.8	-117.8	72.1	138.2	148.5	0.15	1.00	0.00	% Y84G
150	65.7	0.232	0.63	36.7	-0.087	0.678	-38.3	22.9	44.6	149.1	84.8	-117.8	72.1	138.2	148.5				

rgb_{AB}^{ABC} 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}} zur relative Stufung des Elementarbunttons **h_{AB}** 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 2, 70 (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	y	L	a	b	C _{est}	A	B	C _{AB}	h _{AB}	L*	a*	b*	C _{ab}	h _{ab}	rgb _{AB}	Code _{AB}	
180	59.2	0.167	0.404	41.5	-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	41.9	-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	42.3	-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	42.7	-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	43.1	-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	43.4	-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	43.8	-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	44.2	-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	44.5	-0.495	0.507	-29.7	-3.6	29.9	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	45	-0.505	0.504	-29.4	-4.1	29.7	187.9	81.3	-92.2	-8.4	92.6	185.2	0.00	1.00	0.53	G27B
190	59.0	0.166	0.364	45.4	-0.514	0.501	-29.2	-4.6	29.6	189.0	81.2	-91.3	-9.5	91.6	185.9	0.00	1.00	0.55	G28B
191	58.9	0.165	0.361	45.8	-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	46.2	-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	46.6	-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	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	47.4	-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	47.8	-0.563	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	48.2	-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	48.6	-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	49	-0.593	0.486	-27.0	-9.2	28.6	198.9	81.1	-82.9	-17.8	84.9	192.3	0.00	1.00	0.71	G35B
200	58.8	0.164	0.333	49.3	-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	49.8	-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	50.3	-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	50.7	-0.631	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	51.1	-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	51.6	-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	52.1	-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	52.5	-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	52.9	-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	53.2	-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	53.6	-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	53.9	-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	54.3	-0.712	0.493	-23.7	-15.9	28.6	214.0	80.9	-70.9	-29.5	76.8	202.6	0.00	1.00	0.94	G47B
213	58.2	0.163	0.299	54.6	-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	54.9	-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	55.2	-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	55.4	-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	55.7	-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	55.9	-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	56.3	-0.746	0.496	-22.5	-18.1	28.9	218.7	80.9	-66.8	-32.8	74.4	206.2	0.00	0.92	1.00	G53B
220	58.1	0.164	0.289	56.7	-0.751	0.497	-22.3	-18.4	28.9	219.4	80.9	-66.1	-33.2	74.1	206.7	0.00	0.9	1.00	G54B
221	56.6	0.161	0.287	56.6	-0.768	0.511	-22.0	-18.8	28.9	220.5	80.0	-66.4	-34.4	74.8	207.4	0.00	0.89	1.00	G55B
222	55.7	0.159	0.284	56.1	-0.78	0.52	-21.6	-19.2	29.0	221.5	79.4	-66.2	-35.3	75.0	208.0	0.00	0.87	1.00	G56B
223	54.8	0.158	0.281	56	-0.794	0.529	-21.3	-19.6	29.0	222.6	78.9	-65.9	-36.2	75.3	208.8	0.00	0.85	1.00	G57B
224	53.8	0.156	0.279	56	-0.808	0.54	-21.0	-20.0	29.0	223.6	78.3	-65.7	-37.2	75.5	209.5	0.00	0.83	1.00	G58B
225	52.8	0.154	0.276	55.9	-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	55.8	-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	55.7	-0.855	0.574	-20	-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	55.7	-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	55.7	-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	55.8	-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	55.9	-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	56.1	-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	56.3	-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	56.5	-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	56.7	-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	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	57.2	-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	57.5	-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	57.9	-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	58.2	-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	58.6	-1.091	0.75	-14.4	-26.1	29.8	240.9	69.3	-54.6	-52.7	75.9	223.9	0.00	0.53	1.00	G73B
242	39.2	0.135	0.22																

rgb_{AB}^{ABC} und CIE-Daten eines Elementar-Bunttonkreises nach CIE R1-47 für **Ostwald-Farben** für CIE-Licht D65

Yxy, **abc_{AB}**, **ABC_{AB}**, **LabC_{ab}**, **h_{AB}**-Daten zu relative Stufung des Elementar-buntons **Y_{AB}** von **LINYAB** für CIE-2-Grad Beobachter

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

270, 271, ..., 360, **LINYAB**-Daten CIE-Testfarben 9 (R): 11.2 9.9 3.1, 10 (Y): 59.9 -1.0 20.9, 11 (G): 20.3 -0.7 2.7, 12 (B): 6.4 0.1 -8.2

no.	AB ^Y	x	Y	a	b	C _{AB}	A	B	C _{AB}	h _{AB}	L*	a*	b*	C _{ab}	h _{ab}	rgb _{AB}	Code _{AB}		
270	19.2	0.127	0.132	0.963	-2.244	1.809	0.2	-34.7	34.7	270.4	50.9	1.2	-83.9	83.9	270.8	0.00	0.01	1.00	% G99B
271	18.6	0.127	0.128	0.99	-2.316	1.881	0.7	-35.0	35.0	271.2	50.2	4.0	-85.1	85.2	272.6	0.00	0.00	1.00	% B00R
272	18.0	0.127	0.125	1.019	-2.389	1.954	1.2	-35.2	35.2	272.0	49.5	6.6	-86.2	86.5	274.4	0.02	0.02	1.00	% B01R
273	17.4	0.127	0.119	1.066	-2.512	2.028	1.9	-35.5	35.6	273.2	48.4	10.8	-88.1	88.8	277.0	0.04	0.04	1.00	% B02R
274	16.3	0.128	0.115	1.111	-2.627	2.109	2.6	-35.8	35.9	274.2	47.4	14.6	-89.7	90.9	279.2	0.05	0.05	1.00	% B02R
275	15.7	0.128	0.111	1.156	-2.736	2.309	3.2	-36.1	36.2	275.1	46.6	18.2	-91.1	93.0	281.3	0.07	0.07	1.00	% B03R
276	15.0	0.129	0.107	1.205	-2.85	2.428	3.8	-36.3	36.6	276.0	45.7	21.9	-92.6	95.1	283.3	0.09	0.09	1.00	% B04R
277	14.3	0.129	0.102	1.264	-2.989	2.573	4.5	-36.6	36.8	277.0	44.7	26.1	-94.2	97.7	285.5	0.11	0.10	1.00	% B05R
278	13.7	0.131	0.097	1.327	-3.128	2.737	5.2	-37.0	37.2	278.0	43.7	30.3	-95.9	100.2	287.9	0.13	0.13	1.00	% B06R
279	12.7	0.131	0.092	1.411	-3.349	2.951	5.9	-37.1	37.6	279.1	42.3	36.0	-97.9	104.3	290.1	0.15	0.10	1.00	% B07R
280	11.9	0.132	0.087	1.513	-3.567	3.182	6.7	-37.3	37.9	280.2	41.1	41.3	-99.9	108.1	292.4	0.17	0.10	1.00	% B08R
281	11.1	0.133	0.082	1.619	-3.809	3.44	7.4	-37.6	38.3	281.2	39.8	46.7	-102.0	112.2	294.6	0.19	0.10	1.00	% B09R
282	10.3	0.134	0.077	1.734	-4.075	3.723	8.1	-37.8	38.7	282.1	38.5	52.1	-104.0	116.4	296.6	0.2	0.00	1.00	% B10R
283	9.6	0.135	0.072	1.858	-4.357	4.025	8.8	-38.0	39.0	283.0	37.3	57.5	-106.0	120.6	298.4	0.22	0.00	1.00	% B11R
284	8.7	0.136	0.066	2.068	-4.831	4.535	9.7	-38.2	39.4	284.2	35.4	65.5	-109.0	127.2	301.0	0.24	0.00	1.00	% B12R
285	7.9	0.137	0.061	2.255	-5.235	5.073	10.7	-38.3	39.8	285.1	33.5	71.7	-111.1	132.3	303.8	0.26	0.00	1.00	% B13R
286	7.4	0.137	0.052	2.488	-5.672	5.647	11.7	-38.4	40.2	286.0	31.6	80.4	-113.5	138.9	307.0	0.28	0.00	1.00	% B14R
287	5.6	0.128	0.045	2.848	-7.295	7.117	10.7	-38.7	40.0	285.4	28.5	84.7	-119.6	146.5	305.3	0.3	0.00	1.00	% B15R
288	6.3	0.144	0.05	2.887	-6.421	6.291	12.3	-38.2	40.2	287.9	30.4	89.6	-116.1	146.6	307.6	0.32	0.00	1.00	% B16R
289	6.7	0.15	0.052	2.866	-6.055	5.937	12.9	-38.1	40.2	288.8	31.3	90.6	-114.5	146.0	308.3	0.34	0.00	1.00	% B17R
290	7.1	0.157	0.055	2.846	-5.713	5.607	13.6	-37.9	40.2	289.7	32.2	91.7	-112.8	145.4	309.0	0.35	0.00	1.00	% B17R
291	7.6	0.163	0.057	2.826	-5.395	5.302	14.2	-37.6	40.3	290.7	33.1	92.7	-118.2	144.8	309.8	0.37	0.00	1.00	% B18R
292	8.0	0.169	0.06	2.807	-5.099	5.02	14.9	-37.4	40.3	291.7	34.0	93.7	-109.6	144.2	310.5	0.39	0.00	1.00	% B19R
293	8.4	0.175	0.063	2.788	-4.826	4.76	15.6	-37.2	40.3	293.7	34.9	94.7	-108.0	143.7	312.2	0.42	0.00	1.00	% B20R
294	8.9	0.165	0.065	2.769	-4.573	4.517	16.3	-37.0	40.3	293.7	35.8	95.7	-106.5	143.2	313.9	0.43	0.00	1.00	% B21R
295	9.4	0.188	0.068	2.753	-4.338	4.298	16.9	-36.7	40.5	294.7	36.8	96.7	-104.8	142.6	312.7	0.45	0.00	1.00	% B22R
296	9.9	0.194	0.071	2.736	-4.12	4.095	17.7	-36.5	40.6	295.8	37.7	97.7	-103.2	142.1	313.4	0.47	0.00	1.00	% B23R
297	10.4	0.201	0.073	2.72	-3.919	3.907	18.4	-36.3	40.7	296.9	38.6	98.7	-101.6	141.6	314.1	0.48	0.00	1.00	% B24R
298	10.9	0.207	0.076	2.704	-3.733	3.735	19.1	-36.0	40.8	297.9	39.4	99.6	-100.0	141.2	314.8	0.5	0.00	1.00	% B25R
299	11.4	0.213	0.079	2.689	-3.56	3.576	19.9	-35.8	40.9	299.0	40.3	100.6	-98.5	140.8	315.6	0.52	0.00	1.00	% B26R
300	11.9	0.219	0.082	2.675	-3.4	3.429	20.6	-35.5	41.1	300.1	41.2	101.5	-96.9	140.4	316.3	0.54	0.00	1.00	% B27R
301	12.5	0.225	0.084	2.661	-3.251	3.294	21.4	-35.2	41.2	301.2	42.0	102.4	-95.4	140.0	316.9	0.56	0.00	1.00	% B28R
302	13.0	0.231	0.087	2.647	-3.1	3.17	22.1	-35.0	41.4	302.3	42.8	103.3	-94.0	139.6	317.6	0.57	0.00	1.00	% B29R
303	13.6	0.237	0.09	2.634	-2.985	3.055	22.9	-34.7	41.6	303.4	43.7	104.1	-92.5	139.3	318.3	0.6	0.00	1.00	% B30R
304	14.1	0.243	0.092	2.622	-2.865	2.949	23.7	-34.4	41.8	304.5	44.5	104.9	-91.1	138.9	319.0	0.62	0.00	1.00	% B31R
305	14.7	0.248	0.095	2.61	-2.754	2.851	24.4	-34.1	42.0	305.4	45.3	105.7	-89.7	138.6	319.6	0.63	0.00	1.00	% B31R
306	15.3	0.254	0.097	2.598	-2.65	2.761	25.2	-33.9	42.2	306.6	46.0	106.5	-88.3	138.3	320.3	0.65	0.00	1.00	% B32R
307	15.8	0.259	0.1	2.586	-2.554	2.677	25.9	-33.6	42.5	307.6	46.8	107.2	-86.9	138.0	320.9	0.67	0.00	1.00	% B33R
308	16.4	0.264	0.102	2.575	-2.464	2.599	26.7	-33.3	42.7	308.7	47.5	107.9	-85.6	137.8	321.5	0.69	0.00	1.00	% B34R
309	17.0	0.269	0.105	2.565	-2.379	2.527	27.4	-33.0	43.0	309.7	48.2	108.6	-84.3	137.5	322.1	0.71	0.00	1.00	% B35R
310	17.7	0.274	0.108	2.556	-2.297	2.462	28.1	-32.7	43.3	310.8	49.0	109.3	-83.0	137.2	322.8	0.73	0.00	1.00	% B36R
311	18.1	0.279	0.109	2.544	-2.227	2.398	28.9	-32.5	43.5	311.6	49.6	109.9	-81.8	137.0	323.3	0.75	0.00	1.00	% B37R
312	18.7	0.283	0.111	2.534	-2.158	2.34	29.6	-32.2	43.8	312.5	50.3	110.5	-80.6	136.8	323.9	0.77	0.00	1.00	% B38R
313	19.2	0.288	0.114	2.524	-2.093	2.286	30.3	-31.9	44.0	313.5	51.0	111.1	-79.4	136.6	324.4	0.78	0.00	1.00	% B39R
314	19.8	0.292	0.116	2.515	-2.033	2.236	31.0	-31.7	44.3	314.4	51.6	111.7	-78.2	136.4	324.9	0.8	0.00	1.00	% B40R
315	20.3	0.296	0.118	2.505	-1.976	2.189	31.7	-31.4	44.6	315.2	52.2	112.2	-77.1	136.2	325.4	0.82	0.00	1.00	% B41R
316	20.9	0.3	0.12	2.496	-1.923	2.145	32.3	-31.1	44.9	316.1	52.8	112.7	-76.0	136.0	325.9	0.84	0.00	1.00	% B42R
317	21.8	0.306	0.123	2.474	-1.841	2.107	33.2	-30.7	45.2	317.2	53.8	113.3	-74.7	135.2	326.6	0.86	0.00	1.00	% B43R
318	22.8	0.313	0.128	2.436	-1.736	1.974	34.3	-30.0	45.6	318.5	55.1	113.9	-73.1	134.9	327.5	0.88	0.00	1.00	% B44R
319	24.2	0.319	0.133	2.399	-1.646	1.888	35.1	-29.4	45.8	320.1	56.3	112.7	-69.5	135.5	328.3	0.9	0.00	1.00	% B45R
320	25.3	0.324	0.137	2.363	-1.57	1.812	35.8	-28.7	45.9	322.2	57.4	112.3	-67.5	131.0	328.9	0.91	0.00	1.00	% B45R
321	26.4	0.328	0.141	2.328	-1.504	1.744	36.4	-28.2	46.0	324.2	58.4	111.6	-65.6	129.5	329.5	0.93	0.00	1.00	% B46R
322	27.3	0.332	0.144	2.295	-1.446	1.682	36.8	-27.6	46.0	323.0	59.3	110.9	-63.8	127.9	330.0	0.95	0.00	1.00	% B47R
323	28.2	0.335	0.148	2.263	-1.395	1.626	37.1	-27.1	45.9	323.8	60.1	110.0	-62.2	126.4	330.5	0.97	0.00	1.00	% B48R
324	29.1	0.337	0.151	2.232	-1.35	1.575	37.3	-26.6	45.8	324.4	60.8	109.1	-60.7	124.8	330.9	1.00	0.00	1.00	% B49R
325	29.8	0.34	0.154	2.203	-1.31	1.528	37.4	-26.1	45.6	325.0	61.5	108.1	-59.3	123.3	331.2	1.00	0.00	0.98	% B50R
326	31.1	0.344	0.159	2.165	-1.248	1.462	37.6	-25.3	45.5	326.2	62.6	107.0	-57.9	121.2	332.9	1.00	0.00	0.96	% B51R
327	32.3	0.348	0.163	2.129	-1.192	1.4	38.1	-24.4	45.2	327.3	63.6	105.8	-56.7	119.1	332.6	1.00	0.00	0.94	% B52R
328	33.3	0.351	0.167	2.097	-1.144	1.348	38.2	-23.6	44.9	328.2	64.4	104.6	-52.7	117.2	333.2	1.00	0.00	0.93	% B53R
329	34.2	0.354	0.171	2.068	-1.104	1.303	38.3	-22.9	44.6	329.1	65.1	103.5	-50.8	115.3	333.8	1.00	0.00	0.91	% B54R
330	35.1	0.357	0.175	2.042	-1.066	1.261	38.3	-22.1	44.2	329.9	65.8	102.4	-49.0	113.5	334.4	1.00	0.00	0.89	% B5

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} and CIE-Daten eines Elementar-Bunttonkreises nach CIE R1-47 für Ostwald-Farben für CIE-Lichtart D65

X_{xy}, Y_z, abc_{AB}, ABC_{AB}, LabC_{ab}, ab_{ab}-Daten für relative Stufung des Elementarbuntons H_{AB} von L_{INYAB} für CIE-10-Grad Beobachter

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

000, 001, ..., 089, L_{INYAB}-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}	X ₁₀	Y ₁₀	a ₁₀	b ₁₀	c _{AB,10}	A ₁₀	B ₁₀	C _{AB,10}	H _{AB}	L* ₁₀	a* ₁₀	b* ₁₀	C* _{ab,10}	h _{ab,10}	rgb _{ABCAB,10}	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	1.681	-0.406	0.735	29.5	0.9	29.5	0.8	69.5	77.7	2.0	77.7	1.8	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	3.0	77.2	3.0	1.00	0.00	0.18	#B0R
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	#B1R
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	76.2	7.2	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	75.6	8.8	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	10.6	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	1.632	-0.303	0.695	27.7	5.0	28.1	10.4	69.8	73.4	16.1	75.0	12.6	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	#R01Y
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	#R02Y
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	#R04Y
022	40.8	0.505	0.317	1.591	-0.222	0.675	26.2	8.4	27.5	17.8	70.0	69.8	29.2	75.7	22.6	1.00	0.05	0.00	#R05Y
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	#R06Y
024	9	0.514	0.325	1.576	-0.195	0.67	25.8	9.6	27.5	20.4	70.1	68.6	34.3	76.5	26.6	1.00	0.08	0.00	#R07Y
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	#R09Y
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	70.5	63.6	60.3	87.4	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	0.21	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	1.465	0.007	0.673	21.9	18.3	28.5	40.1	71.1	58.4	123.1	137.6	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	45.7	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	29.7	60.6	82.0	33.1	140.1	143.9	76.6	1.00	0.62	0.00	#R62Y
062																			

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

Xyy, rgb_{ABCAB}, ABC_{AB}, LabC_{ab}, h_{ab}-Daten für relative Stufung des Elementar-bunttonen h_{AB} von LINYAB für CIE-10-Grad Beobachter

Elementar-bunttonen mit 4 Ziel-Elementar-Bunttonwerten: h_{AB} = 18.2, 86.3, 156.2, 260.1 von LINYAB zu 10 Ziel-Bunttonwinkeln:

090, 091, ..., 179, LINYAB-Daten CIE-Testfarben 9 (R): 10.8 8.7, 2.8, 10 (Y): 55.9 1.2 19.6, 11 (G): 2.0 4.4 -6.8 3.0, 12 (B): 7.8 -1.2 -7.2

no.	091	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 _{ab} 10	h _{ab} 10	rgb _{ABCAB}	Code	ABR10	
090	80.8	0.481	0.509	0.946	-0.007	0.422	-0.1	34.1	34.1	90.1	92.0	-0.2	138.8	138.8	90.0	0.94	1.00	0.00	Y05G
091	81.5	0.479	0.51	0.938	-0.007	0.421	-0.7	34.4	91.3	92.4	-1.5	137.5	137.5	90.6	0.93	1.00	0.00	Y06G	
092	82.3	0.476	0.512	0.93	-0.008	0.421	-1.4	34.6	34.6	92.4	92.7	-2.9	136.3	136.3	91.2	0.91	1.00	0.00	Y08G
093	83.1	0.473	0.513	0.922	-0.009	0.42	-2.1	34.8	94.4	93.4	93.0	-4.2	135.1	135.1	91.8	0.9	1.00	0.00	Y09G
094	83.8	0.471	0.515	0.914	-0.01	0.42	-2.7	35.1	35.2	94.5	93.3	-5.5	134.1	134.2	92.3	0.88	1.00	0.00	Y11G
095	84.5	0.468	0.516	0.907	-0.011	0.42	-3.4	35.3	35.5	95.5	93.6	-6.8	133.1	133.3	92.9	0.87	1.00	0.00	Y12G
096	85.2	0.466	0.518	0.9	-0.011	0.42	-4.0	35.5	35.8	96.5	93.9	-8.0	132.3	132.5	93.4	0.86	1.00	0.00	Y13G
097	85.9	0.464	0.519	0.893	-0.012	0.42	-4.6	35.8	36.1	97.4	94.2	-9.2	131.5	131.8	94.0	0.84	1.00	0.00	Y15G
098	86.7	0.462	0.52	0.887	-0.013	0.42	-5.2	36.1	36.3	98.4	95.0	-10.3	130.7	131.0	94.6	0.82	1.00	0.00	Y16G
099	87.0	0.46	0.521	0.882	-0.013	0.42	-5.7	36.1	36.6	98.9	94.7	-11.2	130.3	130.7	94.9	0.81	1.00	0.00	Y18G
100	87.6	0.458	0.522	0.876	-0.014	0.42	-6.2	36.3	36.8	99.7	95.0	-12.2	129.1	129.7	95.4	0.8	1.00	0.00	Y19G
101	88.4	0.454	0.523	0.869	-0.016	0.42	-6.9	36.4	37.1	100.8	95.3	-13.6	128.8	127.6	96.1	0.78	1.00	0.00	Y21G
102	89.4	0.451	0.522	0.862	-0.019	0.418	-7.6	36.6	37.3	101.7	95.7	-14.9	126.3	124.2	96.8	0.77	1.00	0.00	Y22G
103	90.5	0.448	0.52	0.86	-0.023	0.414	-8.3	36.7	37.5	102.1	96.2	-15.3	119.5	120.5	97.3	0.76	1.00	0.00	Y23G
104	91.5	0.444	0.519	0.856	-0.028	0.411	-7.9	36.7	37.6	102.8	96.6	-16.1	115.9	117.0	97.9	0.74	1.00	0.00	Y25G
105	92.2	0.44	0.518	0.848	-0.031	0.409	-9.1	36.6	37.7	104.0	96.9	-17.6	112.7	114.1	98.8	0.73	1.00	0.00	Y26G
106	93.0	0.437	0.519	0.842	-0.034	0.407	-10.3	36.3	37.8	105.8	97.0	-19.0	110.4	110.7	100.0	0.71	1.00	0.00	Y28G
107	92.0	0.432	0.521	0.839	-0.035	0.411	-10.9	36.2	37.8	106.8	96.8	-21.2	109.7	114.4	100.9	0.7	1.00	0.00	Y29G
108	91.7	0.43	0.522	0.823	-0.036	0.412	-11.4	36.0	37.8	107.6	96.7	-22.3	109.1	111.3	101.5	0.68	1.00	0.00	Y31G
109	91.4	0.428	0.524	0.816	-0.036	0.414	-12.0	35.9	37.8	108.5	96.5	-23.5	108.8	111.3	102.2	0.67	1.00	0.00	Y32G
110	91.0	0.425	0.526	0.809	-0.036	0.416	-12.6	35.7	37.9	109.4	96.4	-24.8	108.5	111.3	102.9	0.66	1.00	0.00	Y33G
111	90.6	0.423	0.527	0.802	-0.036	0.418	-13.2	35.5	37.9	110.3	96.2	-26.1	108.2	111.3	103.5	0.64	1.00	0.00	Y35G
112	90.2	0.421	0.529	0.794	-0.036	0.421	-13.8	35.4	38.0	111.3	96.0	-27.5	107.9	111.3	104.3	0.63	1.00	0.00	Y36G
113	89.7	0.418	0.531	0.787	-0.037	0.424	-14.5	35.3	38.0	112.3	95.9	-29.0	107.6	111.4	105.0	0.61	1.00	0.00	Y37G
114	89.3	0.416	0.534	0.779	-0.037	0.427	-15.2	35.0	38.1	113.4	95.8	-30.4	107.3	111.4	105.7	0.59	1.00	0.00	Y39G
115	88.8	0.413	0.536	0.77	-0.037	0.43	-15.7	34.8	38.2	114.3	95.5	-32.0	107.0	111.7	106.6	0.58	1.00	0.00	Y41G
116	88.3	0.41	0.538	0.762	-0.037	0.433	-16.4	34.6	38.2	115.3	95.3	-33.6	106.7	111.8	107.4	0.57	1.00	0.00	Y42G
117	87.7	0.407	0.541	0.753	-0.037	0.437	-17.0	34.3	38.3	116.4	95.0	-35.2	106.3	112.0	108.3	0.56	1.00	0.00	Y43G
118	87.2	0.404	0.543	0.744	-0.037	0.441	-17.7	34.1	38.4	117.4	94.8	-36.9	106.0	112.2	109.2	0.54	1.00	0.00	Y45G
119	86.6	0.401	0.546	0.735	-0.038	0.445	-18.4	33.9	38.6	118.5	94.6	-38.7	105.6	112.5	110.1	0.53	1.00	0.00	Y46G
120	86.0	0.398	0.549	0.725	-0.038	0.449	-19.1	33.6	38.7	119.6	94.3	-40.5	105.2	112.8	111.0	0.51	1.00	0.00	Y48G
121	85.4	0.395	0.551	0.716	-0.038	0.454	-19.8	33.4	38.8	120.6	94.1	-42.3	104.8	113.1	111.9	0.5	1.00	0.00	Y49G
122	84.8	0.392	0.554	0.707	-0.038	0.459	-20.5	33.1	38.9	121.7	93.9	-44.2	104.4	113.2	112.9	0.48	1.00	0.00	Y51G
123	84.2	0.388	0.557	0.696	-0.038	0.464	-21.2	32.8	39.1	122.8	93.5	-46.1	103.9	113.7	113.9	0.47	1.00	0.00	Y52G
124	83.6	0.384	0.56	0.686	-0.039	0.469	-21.9	32.6	39.2	123.8	93.2	-48.1	103.5	114.1	114.9	0.46	1.00	0.00	Y53G
125	82.9	0.38	0.563	0.675	-0.039	0.475	-22.5	32.3	39.4	124.9	93.0	-50.1	103.0	114.5	115.9	0.44	1.00	0.00	Y55G
126	82.3	0.376	0.566	0.665	-0.039	0.481	-23.2	32.0	39.6	125.9	92.7	-52.1	102.4	114.9	116.9	0.43	1.00	0.00	Y56G
127	81.6	0.372	0.569	0.654	-0.04	0.487	-23.9	31.7	39.7	127.0	92.4	-54.3	101.7	115.2	118.1	0.41	1.00	0.00	Y58G
128	80.7	0.367	0.572	0.642	-0.041	0.493	-24.6	31.3	39.8	128.2	92.0	-56.6	100.6	115.6	119.3	0.4	1.00	0.00	Y59G
129	79.9	0.362	0.575	0.63	-0.042	0.5	-25.4	30.9	40.0	129.4	91.6	-59.0	99.5	115.7	120.6	0.38	1.00	0.00	Y61G
130	79.3	0.359	0.578	0.62	-0.043	0.507	-26.1	30.6	40.1	130.5	91.3	-61.3	99.1	115.8	121.7	0.37	1.00	0.00	Y62G
131	78.3	0.352	0.581	0.606	-0.045	0.514	-26.7	30.0	40.2	131.6	90.9	-63.8	97.2	116.2	122.2	0.36	1.00	0.00	Y63G
132	77.4	0.347	0.584	0.594	-0.046	0.521	-27.4	29.6	40.3	132.7	90.5	-66.2	96.0	116.6	124.6	0.34	1.00	0.00	Y65G
133	76.6	0.341	0.587	0.581	-0.048	0.528	-28.0	29.2	40.5	133.8	90.1	-68.7	94.7	117.0	125.9	0.33	1.00	0.00	Y66G
134	75.8	0.336	0.59	0.569	-0.049	0.536	-28.7	28.7	40.6	134.9	89.7	-71.2	93.5	117.5	127.2	0.31	1.00	0.00	Y68G
135	75.0	0.33	0.593	0.557	-0.051	0.543	-29.3	28.3	40.7	135.9	89.4	-73.7	92.2	118.0	128.6	0.3	1.00	0.00	Y69G
136	74.2	0.325	0.596	0.545	-0.052	0.551	-29.9	27.9	40.9	136.9	89.0	-76.2	90.9	118.6	129.9	0.28	1.00	0.00	Y71G
137	73.4	0.319	0.598	0.533	-0.054	0.559	-30.4	27.5	41.0	137.9	88.6	-78.7	89.6	119.3	131.3	0.27	1.00	0.00	Y72G
138	72.6	0.313	0.601	0.521	-0.056	0.567	-31.0	27.0	41.1	138.8	88.2	-81.2	88.3	120.0	132.6	0.26	1.00	0.00	Y73G
139	71.8	0.307	0.604	0.509	-0.058	0.574	-31.5	26.6	41.2	139.7	87.9	-83.8	87.0	120.8	133.9	0.24	1.00	0.00	Y75G
140	71.0	0.301	0.606	0.497	-0.06	0.582	-32.0	26.2	41.4	140.6	87.5	-86.2	85.7	121.6	135.1	0.23	1.00	0.00	Y76G
141	70.3	0.296	0.609	0.486	-0.062	0.59	-32.5	25.8	41.5	141.5	87.1	-88.7	84.4	122.5	136.4	0.21	1.00	0.00	Y78G
142	69.6	0.29	0.611	0.475	-0.064	0.597	-32.9	25.4	41.6	142.3	86.8	-91.1	83.1	123.4	137.6	0.2	1.00	0.00	Y79G
143	68.9	0.284	0.613	0.464	-0.066	0.605	-33.3	25.0	41.7	143.1	86.4	-93.5	81.9	124.3	138.7	0.18	1.00	0.00	Y81G
144	68.2	0.279	0.615	0.453	-0.068	0.613	-33.7	24.6	41.8	143.9	86.0	-95.8	80.7	125.2	139.8	0.17	1.00	0.00	Y82G
145	67.5	0.274	0.617	0.442	-0.07	0.621	-34.1	24.2	41.9	144.7	85.6	-98.0	79.5	126.1	140.9	0.16	1.00	0.00	Y83G
146	66.8	0.269	0.619	0.431	-0.072	0.629	-34.5	23.8	42.0	145.5	85.2	-100.2	78.3	127.0	142.0	0.15	1.00	0.00	Y84G
147	66.2	0.264	0.621	0.42	-0.074	0.637	-34.9	23.4	42.1	146.3	84.8	-102.4	77.1	127.9	143.1	0.14	1.00	0.00	Y85G
148	65.5	0.259	0.623	0.41	-0.076	0.645	-35.3	23.0	42.2	147.1	84.4	-104.6	75.9	128.8	144.2	0.13	1.00	0.00	Y86G
149	64.8	0.254	0.625	0.4	-0.078	0.653	-35.7	22.6	42.3	147.9	84.0	-106.8	74.7	129.7	145.3	0.12	1.00	0.00	Y87G
150	64.2	0.249	0.627	0.39	-0.08	0.661	-36.1	22.2	42.4	148.7	83.6	-109.0	73.5	130.6	146.4	0.11	1.00	0.00	Y88G

rgb^{*}AB^{*} und CIE-Daten eines Elementar-Buntnkreis nach CIE R1-47 für Ostwald-Farben für CIE-Lichtart D65

Yxy_{ABC}_{AB}ABC_{AB}LabC_{ab}_{ab}-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 _{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 [*]	Code	AB ₁₀	
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
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
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
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
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
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
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
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
188	41.7	0.48	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
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
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
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
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
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
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
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
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	73.9	12.0	0.0	1.00	0.76	G38B
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
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
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
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
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
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
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
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
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
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
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
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	0.98	G49B
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	G50B
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	G51B
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	G52B
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	G53B
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	G54B
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	G55B
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	G56B
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	G57B
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	G58B
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	G59B
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	G60B
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	8.4	75.0	6.5	0.0	1.00	0.77	G61B
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	G62B
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	G63B
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	G64B
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	G65B
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	G66B
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	G67B
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	G68B
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	G69B
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	G70B
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	G71B
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	G72B
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	G73B
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	G74B
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	G75B
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	G76B
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	G77B
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	G78B
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	G79B
239	41.1	0.453	0.273	1.66	-0.399	0.713	29.2	1.2	29.3	2.4	70.2	76.3	3.5	76.4	2.6	0.0	1.00	0.4	G80B
240	41.0	0.453	0.272	1.661	-0.401	0.714	29.3	1.1	29.3	2.2	70.2	76.4	3.3	76.5	2.4	0.0	1.00	0.38	G81B
241	41.0	0.452	0.272	1.662	-0.403	0.715	29.3	1.0	29.3	2.0	70.2	76.5	3.0	76.5	2.3	0.0	1.00	0.36	G82B
242	41.0	0.452	0.271	1.663	-0.405	0.716	29.3	0.9	29.4	1.9	70.2	76.6	2.8	76.6	2.1	0.0	1.00	0.34	G83B
243	41.0	0.452	0.271	1.664	-0.407	0.717	29.4	0.9	29.4	1.7	70.2	76.7	2.5	76.7	1.9	0.			

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 Elementar-bunttons *h_{ab}* von CIELAB für CIE-2-Grad Beobachter

Elementar-Bunttonkreis mit 4 Ziel-Elementar-Bunttonwinkeln (R): 0.00 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	A	B	C	h _{AB}	h _{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	0.464	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	28.9	5.7	29.3	11.1	70.0	75.2	17.7	77.2	13.2	1.00	0.00	0.21	#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	#B96R
024	41.1	0.51	0.317	1.611	-0.216	0.694	27.2	9.0	28.7	18.3	70.0	71.5	30.8	77.8	23.3	1.00	0.00	0.05	#B98R
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	41.4	0.542	0.343	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	#R10Y
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	41.5	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	41.5	0.567	0.365	1.547	-0.074	0.697	24.8	15.0	28.9	31.2	70.0	65.8	66.3	93.3	45.3	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	38.0	70.0	60.5	119.3	134.3	62.7	1.00	0.54	0.00	#R54Y

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}h_{ab}-Daten für relative Stufung des Elementarbunttonkreises 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): 4.00 58.9 28.3, 10 (Y): 81.3 -3.0 71.8, 11 (G): 52.2 -4.2 3.136, 12 (B): 30.5 1.2 -46.3																				
no. _{ab}	Y	x	a	b	c _{AB}	A	B	C _{AB}	h _{AB}	L*	a*	b*	C _{ab}	h _{ab}	rgb _{cab}	Code _{ab}				
180	59.2	0.168	0.404	0.416	-0.423	0.534	-31.6	0.7	31.6	178.6	81.4	-100.9	1.5	100.9	179.0	0.00	1.00	0.32	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	28.9	191.1	81.2	-89.2	-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	0.483	-25.7	-12.4	28.4	205.7	81.1	-77.5	-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	204.1	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	205.0	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	0.55	-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	0.57	-19.9	-21.4	29.2	227.2	76.4	-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	1.00	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	1.00	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	1.00	G51B
220	43.3	0.139	0.243	0.57	-1.011	0.689	-16.2	-25.4	29.6	236.7	71.4	-58.6	-48.9	76.4	219.7	0.00	1.00	0.95	1.00	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	1.00	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	1.00	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	1.00	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	1.00	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	1.00	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	1.00	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	1.00	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	1.00	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	1.00	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	1.00	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	1.00	G62B
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	1.00	G63B
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	1.00	G64B
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	1.00	G65B
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	1.00	G66B
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	1.00	G67B
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	1.00	G68B
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	1.00	G69B
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	1.00	G70B
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	1.00	G71B

rgb_{cab} und CIE-Daten eines Elementar-Bunttonkreises nach CIE R1-47 für Ostwald-Farben für CIE-Licht D65**X_{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-Bunttonkreis 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 _{AB}	h _{AB}	L _y	a*	b*	C _{ab}	h _{ab}	rgb _{cab}	Lab _{AB}	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	1.941	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	-35.5	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	-35.6	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	0.118	1.09	-2.573	2.149	2.3	-35.7	35.7	273.7	47.9	12.8	-89.0	89.7	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	36.6	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	1.285	-3.047	2.627	4.6	-36.6	36.7	277.3	44.5	27.6	-94.8	98.7	285.9	0.25	0.0	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	0.0	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	38.4	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	-38.4	39.6	285.1	34.3	70.6	-110.7	131.6	302.4	0.52	0.0	1.00	0.00	B26R
303	7.8	0.138	0.06	2.287	-5.31	5.055	10.5	-38.5	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	286.4	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	32.4	96.6	-112.3	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	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	-76.0	136.0	326.0	0.95	0.0	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	0.0	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	0.0	1.00	0.00	B49R
329	27.0	0.331	0.142	2.32	-1.469</															

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_{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}_{h_{ab}}-Daten für relative Stufung des Elementarbunttons 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): 79.5, 3.2, 71.0, 11 (G): 52.3 –39.6, 15.3, 12 (B): 33.6 –12.8 –39.9

000, 001, ..., 089,	CIELAB-Daten	CIE-Testfarben	9 (R):	39.2	54.5	26.4,	10 (Y):	79.5	3.2	71.0,	11 (G):	52.3	-39.6	15.3,	12 (B):	33.6	-12.8	-39.9		
no. _{ab} , h _{ab}	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 _{abc,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	81.1	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	0.36	#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	80.7	6.1	1.00	0.00	0.34	#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	0.33	#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	1.683	-0.256	0.756	29.6	6.9	30.4	13.1	69.6	77.9	23.3	81.5	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	29.1	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	75.4	36.9	84.0	26.1	1.00	0.00	0.05	#B97R	
024	40.4	0.534	0.324	1.653	-0.172	0.748	28.4	10.4	30.2	20.1	69.7	75.1	38.9	84.5	27.4	1.00	0.00	0.04	#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	41.0	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	11.1	30.2	21.7	69.8	74.3	43.0	85.9	30.0	1.00	0.00	0.00	#R00Y	
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	#R01Y	
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	#R03Y	
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	#R05Y	
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	#R06Y	
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	#R08Y	
032	40.6	0.561	0.347	1.615	-0.105	0.742	27.1	13.1	30.2	25.9	69.9	72.1	55.5	90.9	37.7	1.00	0.09	0.00	#R09Y	
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	#R11Y	
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	#R13Y	
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	#R14Y	
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	#R16Y	
037	40.8	0.573	0.36	1.592	-0.072	0.736	26.3	14.5	30.0	28.9	70.0	70.0	66.2	96.3	43.3	1.00	0.18	0.00	#R18Y	
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	#R19Y	
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	0.21	0.00	#R20Y	
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	#R21Y	
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	#R24Y	
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	#R25Y
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	#R27Y	
044	41.1	0.586	0.375	1.56	-0.04	0.725	25.1	16.0	29.9	32.4	70.2	67.1	81.2	105.3	50.4	1.00	0.29	0.00	#R29Y	
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	#R31Y	
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	#R32Y	
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	#R34Y	
048	41.3	0.591	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	#R35Y	
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	#R37Y	
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	#R39Y	
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	#R40Y	
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	#R42Y	
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	#R44Y	
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	#R45Y	
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	#R47Y	
056	41.8	0.594	0.394	1.504	-0.01	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	#R48Y	
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	#R50Y	
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	#R52Y	
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	#R53Y	
060	42.0	0.594	0.4	1.486	-0.005	0.685	22.6	17.8	28.8	38.2	70.9	60.5	114.2	129.3	62.0	1.00	0.55	0.00	#R55Y	
061	42.1</																			

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

X_{xy}, rgb_{AB}, ABC_{AB}, LabC_{ab} at_{lab}-Daten für relative Stufung des Elementarbunttons h_{ab} von CIELAB für CIE-10-Grad Beobachter

Elementar-Bunttonen mit 4 Ziel-Elementar-Testfarben 9 (R): 29.2 54.5 26.4, 10 (Y): 25.9, 87.3, 158.8, 252.1 (in CIELAB) und 90, 92 (B): 33.6 -12.8 -39.9

090, 091, ..., 175, CIELAB-Daten CIE-Testfarben 9 (R): 29.2 54.5 26.4, 10 (Y): 25.9, 87.3, 158.8, 252.1 (in CIELAB) und 90, 92 (B): 33.6 -12.8 -39.9

no. _{ab}	h _{ab}	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 _{cab,10}	h _{ab,10}	rgb _{cab,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	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	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	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	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	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	130.2	130.7	94.9	0.89	1.00	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	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	Y13G
098	90.7	0.447	0.522	0.854	-0.023	0.417	-8.4	36.9	38.0	103.7	96.3	-16.8	123.6	122.5	98.0	0.85	1.00	0.00	Y14G
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	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	Y17G
101	92.1	0.432	0.52	0.83	-0.035	0.41	-10.8	36.2	37.8	106.6	96.8	-20.9	109.4	111.4	100.8	0.8	1.00	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	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	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	Y23G
105	90.4	0.421	0.529	0.797	-0.037	0.42	-13.6	35.4	37.9	111.0	96.1	-27.1	107.8	111.1	104.1	0.75	1.00	0.00	Y24G
106	89.9	0.418	0.531	0.789	-0.037	0.423	-14.3	35.2	38.0	112.2	96.0	-28.8	107.0	111.0	105.1	0.74	1.00	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	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	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	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	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	Y33G
112	86.1	0.398	0.549	0.724	-0.038	0.45	-19.2	33.6	38.7	119.7	94.3	-40.7	105.0	112.6	111.1	0.65	1.00	0.00	Y34G
113	85.4	0.394	0.552	0.713	-0.038	0.455	-20.0	33.4	38.9	120.9	94.0	-42.8	104.6	113.0	112.2	0.64	1.00	0.00	Y36G
114	84.7	0.391	0.555	0.703	-0.039	0.461	-20.8	33.2	39.0	122.2	93.7	-44.9	104.1	113.3	113.1	0.63	1.00	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	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	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	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	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	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	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	Y47G
122	79.0	0.357	0.579	0.614	-0.044	0.509	-26.3	30.4	40.2	130.9	91.2	-62.1	98.3	116.1	122.3	0.51	1.00	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	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	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	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	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	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	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	Y58G
130	73.9	0.321	0.598	0.534	-0.052	0.557	-30.4	27.8	41.2	137.6	88.8	-78.1	90.8	119.7	130.8	0.4	1.00	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	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	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	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	121.8	134.6	0.34	1.00	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	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	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	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	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	Y72G
140	68.2	0.279	0.616	0.453	-0.067	0.611	-33.7	24.6	41.8	143.7	86.1	-95.8	80.6	125.0	140.8	0.26	1.00	0.00	Y73G
141	67.7	0.275	0.618	0.445	-0.068	0.616	-34.0	24.3	41.9	144.2	85.8	-97.5	79.6	125.5	141.7	0.25	1.00	0.00	Y74G
142	67.1	0.271	0.62	0.437	-0.069	0.621	-34.3	24.0	42.0	144.7	85.5	-99.2	78.6	126.0	142.6	0.24	1.00	0.00	Y75G
143	66.6	0.267	0.622	0.429	-0.07	0.626	-34.6	23.7	42.1	145.2	85.2	-100.9	77.6	126.5	143.5	0.23	1.00	0.00	Y76G
144	66.1	0.263	0.624	0.421	-0.071	0.631	-34.9	23.4	42.2	145.7	84.9	-102.6	76.6	127.0	144.4	0.22	1.00	0.00	Y77G
145	65.5	0.259	0.626	0.413	-0.072	0.636	-35.2	23.1	42.3	146.2	84.6	-104.3	75.6	127.5	145.3	0.21	1.00	0.00	Y78G
146	65.0	0.255	0.628	0.405	-0.073	0.641	-35.5	22.8	42.4	146.7	84.3	-106.0	74.6	128.0	146.2	0.2	1.00	0.00	Y79G
147	64.4	0.251	0.63	0.397	-0.074	0.646	-35.8	22.5	42.5	147.2	84.0	-107.7	73.6	128.5	147.1	0.19	1.00	0.00	Y80G
148	63.9	0.247	0.632	0.389	-0.075	0.651	-36.1	22.2	42.6	147.7	83.7	-109.4	72.6	129.0	148.0	0.18	1.00	0.00	Y81G
149	63.3	0.243	0.634	0.381	-0.076	0.656	-36.4	21.9	42.7	148.2	83.4	-111.1	71.6	129.5	148.9	0.17	1.00	0.00	Y82G
150	62.8	0.239	0.636	0.373	-0.077	0.661	-36.7	21.6	42.8	148.7	83.1	-112.8	70.						

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

X_{xy}, abc_{AB}, ABC_{AB}, LabC_{ab} at_{lab}-Daten für relative Stufung des Elementarbuntons h_{ab} von CIELAB für CIE-10-Grad Beobachter

Elementar-Buntonkreis mit 4 Ziel-Elementar-Buntonwinkeln (R): 39.2, 54.6, 26.4, 10 (Y): 7.9, 5.2, 3.2, 71.0, 11 (G): 52.3 –39.6 15.3, 12 (B): 33.6 –12.8 –39.9

no.	h _{ab}	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 _{cab,10}	h _{cab,10}	rgb _{cab,10}	Code _{cab,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	0.347	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	0.73	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	0.79	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	28.1	10.2	29.9	20.0	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	-0.2	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	0.307	1.653	-0.24	0.73	29.0	7.7	30.0	14.9	70.2	75.7	26.0	80.1	18.9				

rgb_{cab,10} und CIE-Daten eines Elementar-Bunttonkreises nach CIE R1-47 für Ostwald-Farben für CIE-Richtab D65

Xyy, abc_{AB}, ABC_{AB}, LabC_{ab}_{h,10}-Daten für relative Stufung des Elementarbunttonen h_{ab} von CIELAB für CIE-10-Grad Beobachter

Elementar-Bunttonkreise mit 4 Ziel-Elementar-Bunttonwinkeln: h_{ab} = 25.9, 87.3, 158.8, 252.1 von CIELAB und 90, 32(=12) Bunttonwinkeln:

27.0, 27.1, ..., 36.0, CIELAB-Daten CIE-Testfarben 9 (R): 39.2 5.45 26.4, 10 (Y): 79.5 3.2 71.0, 11 (G): 52.3 -39.6 15.3, 12 (B): 33.6 -12.8 -39.9

no.	h _{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 _{cab,10}	h _{ab,10}	rgb _{cab,10}	Code _{cab,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	0.28	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	0.279	1.694	-0.352	0.751	30.4	3.1	30.5	5.9	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	0.465	0.273	1.703	-0.38	0.757	30.7	2.0	30.7	3.7	69.9	79.9	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	1.7	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	0.0	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	0.0	31.2	359.6	69.8	81.1	-0.2	81.1	359.6	0.72	0.00	1.00	% B37R
303	40.4	0.451	0.262	1.721	-0.437	0.773	31.2	0.0	31.2	359.4	69.7	81.3	-0.8	81.3	359.3	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	81.9	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	82.1	-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	1.742	-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														