

Ostwald-Optimalfarben (o) von maximalem (m) C _{AB} für D65, Y _w =100, Y _m =520_770, CIEXYZ-Daten														%
i ₁ , λ ₁	i ₂ , λ ₂	X ₁₀₀	Y ₁₀₀	Z ₁₀₀	x	y	z	h _{xy}	i _d , λ _d	i _c , λ _c	Code		%	
0	405	32	561	32.57	58.2	108.12	0.1637	0.2926	0.5436	193.7	16 483	37 589	Cm	%
6	435	32	562	29.09	58.79	88.73	0.1647	0.3328	0.5023	178.4	17 486	42 610		%
10	450	32	563	22.93	59.42	52.37	0.1702	0.441	0.3887	141.8	19 496	−1 496c		%
12	460	33	565	20.88	60.32	34.02	0.1812	0.5234	0.2952	124.0	21 505	−1 505c		%
12	465	33	567	21.95	61.66	34.03	0.1866	0.5241	0.2892	122.8	21 506	−1 506c		%
14	470	33	569	21.46	62.72	19.98	0.206	0.602	0.1918	111.3	24 520	−1 520c		%
15	475	34	573	23.76	65.29	14.91	0.2285	0.6279	0.1434	105.6	25 528	−1 528c	Gm	%
16	480	36	580	29.0	69.95	11.05	0.2636	0.6358	0.1005	99.0	27 537	−1 537c		%
17	485	39	595	42.11	78.75	8.23	0.3262	0.6099	0.0638	87.2	29 548	−1 548c		%
18	490	−1	490c	77.09	93.8	6.13	0.4354	0.5298	0.0346	58.5	33 565	11 459	max	%
19	495	−1	495c	77.04	92.3	4.52	0.4431	0.5308	0.026	57.1	33 566	12 462		%
20	500	−1	500c	77.02	90.42	3.27	0.4511	0.5296	0.0191	55.3	33 567	12 464		%
22	510	−1	510c	76.89	85.27	1.63	0.4694	0.5205	0.01	50.7	33 569	13 469		%
23	520	−1	519c	76.66	81.98	1.16	0.4797	0.513	0.0072	47.7	34 570	14 471	Ym	%
25	530	−1	529c	75.53	74.04	0.57	0.503	0.4931	0.0038	40.7	34 573	15 475		%
27	540	−1	539c	73.26	64.9	0.26	0.5292	0.4688	0.0019	32.8	35 577	15 478		%
28	545	−1	544c	71.66	60.13	0.18	0.5429	0.4556	0.0014	28.7	35 579	15 479		%
29	550	−1	549c	69.7	55.26	0.13	0.5571	0.4417	0.001	24.7	36 582	16 480		%
30	555	−1	554c	67.4	50.4	0.09	0.5716	0.4274	0.0008	20.8	36 584	16 481		%
32	560	−1	560c	61.78	41.0	0.05	0.6007	0.3987	0.0005	13.6	37 589	16 483		%
380	770	95.04	100.0	108.89	0.3127	0.329	0.3582	0.0						%
Ostwald-Optimalfarben (o) von maximalem (m) C _{AB} für D65, Y _w =100, Y _m =770_520, CIEXYZ komplementär%														
i ₁ , λ ₁	i ₂ , λ ₂	X ₁₀₀	Y ₁₀₀	Z ₁₀₀	x	y	z	h _{xy}	i _d , λ _d	i _c , λ _c	Code		%	
32	561	0	405	62.47	41.79	0.76	0.5947	0.3979	0.0072	13.7	37 589	16 483	Rm	%
32	562	6	435	65.95	41.2	20.15	0.518	0.3236	0.1583	358.5	42 610	17 486		%
32	563	10	450	72.11	40.57	56.51	0.4261	0.2398	0.334	321.8	−1 496c	19 496		%
33	565	12	460	74.16	39.67	74.86	0.393	0.2102	0.3967	304.0	−1 505c	21 505		%
33	567	12	465	73.08	38.33	74.86	0.3923	0.2057	0.4018	302.9	−1 506c	21 506		%
33	569	14	470	73.57	37.27	88.9	0.3683	0.1866	0.445	291.3	−1 520c	24 520		%
34	573	15	475	71.27	34.7	93.97	0.3564	0.1735	0.4699	285.7	−1 528c	25 528	Mm	%
36	580	16	480	66.03	30.04	97.83	0.3405	0.1549	0.5045	279.1	−1 537c	27 537		%
39	595	17	485	52.92	21.24	100.65	0.3027	0.1215	0.5757	267.2	−1 548c	29 548		%
−1	490c	18	490	17.95	6.19	102.75	0.1414	0.0487	0.8097	238.5	11 459	33 565	min	%
−1	495c	19	495	18.0	7.69	104.36	0.1384	0.0591	0.8024	237.1	12 462	33 566		%
−1	500c	20	500	18.02	9.57	105.61	0.1352	0.0719	0.7928	235.4	12 464	33 567		%
−1	510c	22	510	18.14	14.72	107.25	0.1295	0.105	0.7654	230.7	13 469	33 569		%
−1	519c	23	520	18.37	18.01	107.72	0.1275	0.1249	0.7475	227.7	14 471	34 570	Bm	%
−1	529c	25	530	19.5	25.95	108.31	0.1268	0.1687	0.7043	220.7	15 475	34 573		%
−1	539c	27	540	21.77	35.09	108.62	0.1315	0.212	0.6563	212.8	15 478	35 577		%
−1	544c	28	545	23.38	39.86	108.7	0.1359	0.2318	0.6321	208.8	15 479	35 579		%
−1	549c	29	550	25.33	44.73	108.76	0.1416	0.2501	0.6081	204.7	16 480	36 582		%
−1	554c	30	555	27.63	49.59	108.79	0.1485	0.2665	0.5848	200.8	16 481	36 584		%
−1	560c	32	560	33.26	58.99	108.83	0.1654	0.2933	0.5412	193.6	16 483	37 589		%
380	770	95.04	100.0	108.89	0.3127	0.329	0.3582	0.0						%

rgb _{AB} und CIE-Daten eines Elementar-Bunttonkreises nach CIE R1-47 für Ostwald-Farben für CIE-Lichtart D65																			
Yxy, <i>abc</i> _{AB} , <i>ABC</i> _{AB} , <i>LabC</i> _{ab} , <i>h_{ab}</i> -Daten für relative Stufung des Elementarbunttons <i>h_{AB}</i> von LINYAB für CIE-2-Grad Beobachter																			
Elementar-Bunttonkreise mit 4-Ziel-Elementar-Bunttonwinkeln: <i>h_{AB}</i> = 17.7, 93.3, 159.1, 270.8 von LINYAB und 2, 70, 122 Bunttonwinkeln:																			
00.001, ..., 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 27.0, 12 (B): 6.4 0.1 -8.2																			
<i>no</i>	<i>no</i>	<i>AB</i>	<i>x</i>	<i>y</i>	<i>a</i>	<i>b</i>	<i>c</i> _{AB}	<i>A</i>	<i>B</i>	<i>C</i> _{AB}	<i>h_{AB}</i>	<i>L</i> [*]	<i>a</i> [*]	<i>b</i> [*]	<i>C</i> [*]	<i>h_{ab}</i>	<i>rgb_{ab}</i>	<i>Code_{AB}</i>	
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	B80R
001	40.8	0.451	0.261	1.72	-0.44	0.77	31.4	-0.1	31.4	359.6	70.0	81.1	-0.5	81.1	359.6	1.00	0.00	0.37	B81R
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	B82R
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	B83R
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	B84R
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	B85R
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	B86R
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	B87R
008	40.9	0.472	0.281	1.676	-0.348	0.731	29.7	3.5	29.9	6.8	70.1	77.3	10.6	78.0	7.8	1.00	0.00	0.21	B88R
009	40.9	0.475	0.284	1.67	-0.335	0.726	29.4	4.1	29.7	7.9	70.1	76.7	12.3	77.7	9.1	1.00	0.00	0.19	B90R
010	40.9	0.479	0.288	1.663	-0.322	0.722	29.2	4.6	29.6	9.0	70.1	76.1	14.1	77.5	10.5	1.00	0.00	0.17	B91R
011	41.0	0.483	0.291	1.657	-0.309	0.718	28.9	5.1	29.4	10.1	70.1	75.6	15.9	77.3	11.9	1.00	0.00	0.15	B92R
012	41.0	0.486	0.294	1.65	-0.296	0.714	28.7	5.6	29.3	11.2	70.1	75.0	17.8	77.1	13.3	1.00	0.00	0.12	B93R
013	41.0	0.49	0.298	1.644	-0.283	0.71	28.5	6.2	29.1	12.3	70.2	74.5	19.7	77.0	14.8	1.00	0.00	0.1	B94R
014	41.0	0.493	0.301	1.638	-0.271	0.707	28.2	6.7	29.0	13.4	70.2	73.9	21.6	77.0	16.3	1.00	0.00	0.08	B95R
015	41.0	0.497	0.304	1.632	-0.258	0.704	28.0	7.2	28.9	14.5	70.2	73.4	23.6	77.1	17.8	1.00	0.00	0.06	B96R
016	41.1	0.501	0.308	1.626	-0.246	0.701	27.7	7.7	28.8	15.6	70.2	72.8	25.7	77.2	19.0	1.00	0.00	0.03	B98R
017	41.1	0.505	0.311	1.619	-0.234	0.699	27.5	8.2	28.7	16.7	70.2	72.3	27.7	77.4	21.0	1.00	0.00	0.01	B99R
018	41.1	0.509	0.315	1.613	-0.222	0.697	27.3	8.7	28.6	17.8	70.2	71.7	29.9	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	43.1	81.1	32.2	1.00	0.06	0.00	R06Y
024	41.3	0.537	0.341	1.57	-0.141	0.686	25.6	12.1	28.4	25.3	70.4	67.9	46.5	82.3	34.4	1.00	0.08	0.00	R08Y
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	32.1	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	41.6	0.573	0.377	1.52	-0.052	0.686	23.7	15.9	28.6	33.9	70.6	63.2	75.7	98.6	50.1	1.00	0.18	0.00	R18Y
033	41.7	0.577	0.381	1.515	-0.043	0.687	23.5	16.3	28.6	34.7	70.6	62.8	80.8	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	42.4	0.595	0.403	1.475	0.0	0.682	22.2	18.4	28.9	39.6	71.1	59.3	122.2	135.9	64.1	1.00	0.29	0.00	R29Y
041	43.3	0.593	0.406	1.458	0.0	0.669	22.0	18.8	29.0	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	73.0	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	0.592	19.9	21.3	29.2	46.9	75.5	49.7	129.0	138.3	69.0	1.00	0.38	0.00	R38Y
048	50.0	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	69.8	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										

rgb _{AB} und CIE-Daten eines Elementar-Bunttonkreises nach CIE R1-47 für Ostwald-Farben für CIE-Lichtart D65																											
Yxy _{AB} abc _{AB} ABC _{AB} LabC _{AB} a _{hAB} b _{hAB} -Daten für relative Stufung des Elementarbunttonkreises h _{AB} von L ₁ Y ₁ AB für CIE-2-Grad Beobachter																											
Elementar-Bunttonkreise mit 4 Ziel-Elementar-Bunttonwinkeln: h _{AB} = 17.7, 93.3, 159.1, 270.8 von L ₁ Y ₁ AB und 90 Ziel-Bunttonwinkeln:																											
090, 091, ..., 179, L ₁ Y ₁ AB-Daten CIE-Testfarben 9 (R): 11.2 9.9 3.1, 10 (Y): 59.0 -1.2 20.9, 11 (G): 20.3 -7.2 2.7, 12 (B): 6.4 0.1 -8.2																											
no	AB	Y	x	y	a	b	C _{AB}	A	B	C _{AB}	h _{AB}	L*	a*	b*	C _{AB}	h _{AB}	rgb _{AB}	Code _{AB}									
090	80.7	0.483	0.51	0.947	-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	0.941	-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	0.935	-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	0.926	-0.005	0.43	-1.9	35.5	35.6	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	0.918	-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	0.911	-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	0.905	-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	Y03G #								
097	85.6	0.468	0.521	0.897	-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	Y04G #								
098	86.4	0.465	0.522	0.889	-0.009	0.43	-5.2	36.8	37.2	98.0	94.5	-10.3	138.0	138.4	94.2	0.92	1.00	0.00	Y05G #								
099	87.2	0.462	0.524	0.881	-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	Y06G #								
100	88.0	0.459	0.525	0.874	-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	0.866	-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	0.859	-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	0.852	-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	0.843	-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	0.837	-0.018	0.432	-10.4	38.3	39.7	105.1	96.6	-20.1	126.7	128.3	99.0	0.82	1.00	0.00	Y17G #								
106	93.2	0.443	0.528	0.829	-0.019	0.432	-10.9	38.6	40.0	106.0	96.7	-20.9	124.9	126.9	99.5	0.80	1.00	0.00	Y19G #								
107	94.3	0.44	0.527	0.836	-0.024	0.426	-10.7	38.0	40.2	105.4	97.8	-20.4	122.1	122.9	99.5	0.79	1.00	0.00	Y20G #								
108	93.6	0.434	0.53	0.818	-0.026	0.43	-12.3	38.3	40.2	107.9	97.4	-23.8	118.7	121.1	101.3	0.77	1.00	0.00	Y22G #								
109	93.2	0.431	0.532	0.811	-0.026	0.432	-12.9	38.1	40.2	108.8	97.3	-25.1	118.2	120.8	102.0	0.76	1.00	0.00	Y23G #								
110	92.8	0.429	0.534	0.803	-0.027	0.434	-13.6	37.9	40.2	109.7	97.1	-26.5	117.6	120.6	102.6	0.74	1.00	0.00	Y25G #								
111	92.3	0.426	0.536	0.796	-0.027	0.436	-14.2	37.6	40.3	110.7	96.9	-27.9	117.1	120.4	103.4	0.73	1.00	0.00	Y26G #								
112	91.9	0.424	0.538	0.788	-0.027	0.438	-14.9	37.4	40.3	111.7	96.8	-29.4	116.5	120.2	104.1	0.71	1.00	0.00	Y28G #								
113	91.5	0.421	0.54	0.779	-0.028	0.441	-15.6	37.2	40.3	112.7	96.6	-30.9	115.9	120.0	104.9	0.7	1.00	0.00	Y29G #								
114	91.0	0.418	0.542	0.771	-0.028	0.444	-16.2	37.0	40.4	113.7	96.4	-32.5	115.4	119.9	105.8	0.68	1.00	0.00	Y31G #								
115	90.5	0.415	0.544	0.762	-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	0.753	-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	0.747	-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	0.735	-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	0.725	-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	0.715	-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	0.705	-0.032	0.472	-21.4	35.2	41.2	121.2	94.9	-45.2	110.9	118.8	112.1	0.57	1.00	0.00	Y42G #								
122	86.9	0.391	0.562	0.695	-0.032	0.477	-22.1	35.0	41.4	122.3	94.7	-47.2	110.2	118.2	113.5	0.55	1.00	0.00	Y43G #								
123	86.3	0.387	0.565	0.684	-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	0.674	-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	0.663	-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	0.652	-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	0.641	-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	0.63	-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	0.619	-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	0.609	-0.037	0.523	-28.2	32.8	43.2	130.6	92.7	-64.8	104.7	123.1	121.7	0.44	1.00	0.00	Y55G #								
131	81.8	0.352	0.591	0.596	-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	0.585	-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	0.574	-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	80.3	0.341	0.598	0.567	-0.04	0.551	-31.0	31.7	44.3	134.5	91.8	-74.8	101.8	126.1	126.0	0.37	1.00	0.00	Y61G #								
135	79.6	0.333	0.604	0.551	-0.04	0.561	-31.7	31.4	44.6	135.5	91.5	-76.7	101.1	127.0	127.1	0.36	1.00	0.00	Y63G #								
136	79.0	0.328	0.608	0.54	-0.041	0.568	-32.3	31.1	44.9	136.3	91.2	-79.1	100.4	127.9	128.2	0.35	1.00	0.00	Y64G #								
137	78.1	0.321	0.612	0.524	-0.042	0.579	-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	76.9	0.311	0.618	0.504	-0.044	0.593	-34.3	30.0	45.6	138.8	90.2	-87.2	97.2	129.6	131.8	0.32	1.00	0.00	Y67G #								
139	75.7	0.302	0.623	0.485	-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	0.469	-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	0.455	-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	0.443	-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	71.4	0.274	0.634	0.437	-0.057	0.647	-37.3	27.1	45.9	143.8	87.8	-103.2	88.0	135.8	140.4	0.25	1.00	0.00	Y75G #								
144	70.8	0.269	0.635	0.423	-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	0.416	-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	0.401	-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	0.387	-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	0.376	-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	0.367	-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	0.367	-0.087	0.678	-38.3	22.9	44.6	149.1	84.8	-117.8	72.1	138.2	148.5	0.13											

rgb _{AB} and CIE-Daten eines Elementar-Bunttonkreises nach CIE RI-47 für Ostwald-Farben für CIE-Lichtart D65																																																																																																																																																																																																																																																																																																																																																																																																												
Yxy _{AB} <i>ABC</i> _{AB} <i>LabC</i> _{ab} <i>h</i> _{AB} -Daten zu relative Stufung des Elementarbunttons <i>LIN</i> YAB für CIE-2-Grad Beobachter																																																																																																																																																																																																																																																																																																																																																																																																												
Elementar-Bunttonkreise mit 4-Ziel-Elementar-Bunttonwinkeln: <i>h</i> _{AB} = 17.7, 93.3, 159.1, 270.8 von <i>LIN</i> YAB und 90 Ziel-Bunttonwinkeln:																																																																																																																																																																																																																																																																																																																																																																																																												
180, 181, ..., 269, <i>LIN</i> YAB-Daten CIE-Testfarben 9 (R): 11.2 9.3 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																																																																																																																																																																																																																																																																																																																																																																																																												
<i>no.</i> _{AB}	<i>Y</i> _{AB}	<i>x</i>	<i>y</i>	<i>a</i>	<i>b</i>	<i>C</i> _{AB}	<i>A</i>	<i>B</i>	<i>C</i> _{AB}	<i>h</i> _{AB}	<i>L</i> [*]	<i>b</i> [*]	<i>C</i> _{AB}	<i>L</i> [*]	<i>b</i> [*]	<i>C</i> _{AB}	<i>L</i> [*]	<i>b</i> [*]	<i>C</i> _{AB}	<i>L</i> [*]	<i>b</i> [*]	<i>C</i> _{AB}	<i>L</i> [*]	<i>b</i> [*]	<i>C</i> _{AB}	<i>L</i> [*]	<i>b</i> [*]	<i>C</i> _{AB}	<i>L</i> [*]	<i>b</i> [*]	<i>C</i> _{AB}	<i>L</i> [*]	<i>b</i> [*]	<i>C</i> _{AB}	<i>L</i> [*]	<i>b</i> [*]	<i>C</i> _{AB}	<i>L</i> [*]	<i>b</i> [*]	<i>C</i> _{AB}	<i>L</i> [*]	<i>b</i> [*]	<i>C</i> _{AB}	<i>L</i> [*]	<i>b</i> [*]	<i>C</i> _{AB}	<i>L</i> [*]	<i>b</i> [*]	<i>C</i> _{AB}	<i>L</i> [*]	<i>b</i> [*]	<i>C</i> _{AB}	<i>L</i> [*]	<i>b</i> [*]	<i>C</i> _{AB}	<i>L</i> [*]	<i>b</i> [*]	<i>C</i> _{AB}	<i>L</i> [*]	<i>b</i> [*]	<i>C</i> _{AB}	<i>L</i> [*]	<i>b</i> [*]	<i>C</i> _{AB}	<i>L</i> [*]	<i>b</i> [*]	<i>C</i> _{AB}	<i>L</i> [*]	<i>b</i> [*]	<i>C</i> _{AB}	<i>L</i> [*]	<i>b</i> [*]	<i>C</i> _{AB}	<i>L</i> [*]	<i>b</i> [*]	<i>C</i> _{AB}	<i>L</i> [*]	<i>b</i> [*]	<i>C</i> _{AB}	<i>L</i> [*]	<i>b</i> [*]	<i>C</i> _{AB}	<i>L</i> [*]	<i>b</i> [*]	<i>C</i> _{AB}	<i>L</i> [*]	<i>b</i> [*]	<i>C</i> _{AB}	<i>L</i> [*]	<i>b</i> [*]	<i>C</i> _{AB}	<i>L</i> [*]	<i>b</i> [*]	<i>C</i> _{AB}	<i>L</i> [*]	<i>b</i> [*]	<i>C</i> _{AB}	<i>L</i> [*]	<i>b</i> [*]	<i>C</i> _{AB}	<i>L</i> [*]	<i>b</i> [*]	<i>C</i> _{AB}	<i>L</i> [*]	<i>b</i> [*]	<i>C</i> _{AB}	<i>L</i> [*]	<i>b</i> [*]	<i>C</i> _{AB}	<i>L</i> [*]	<i>b</i> [*]	<i>C</i> _{AB}	<i>L</i> [*]	<i>b</i> [*]	<i>C</i> _{AB}	<i>L</i> [*]	<i>b</i> [*]	<i>C</i> _{AB}	<i>L</i> [*]	<i>b</i> [*]	<i>C</i> _{AB}	<i>L</i> [*]	<i>b</i> [*]	<i>C</i> _{AB}	<i>L</i> [*]	<i>b</i> [*]	<i>C</i> _{AB}	<i>L</i> [*]	<i>b</i> [*]	<i>C</i> _{AB}	<i>L</i> [*]	<i>b</i> [*]	<i>C</i> _{AB}	<i>L</i> [*]	<i>b</i> [*]	<i>C</i> _{AB}	<i>L</i> [*]	<i>b</i> [*]	<i>C</i> _{AB}	<i>L</i> [*]	<i>b</i> [*]	<i>C</i> _{AB}	<i>L</i> [*]	<i>b</i> [*]	<i>C</i> _{AB}	<i>L</i> [*]	<i>b</i> [*]	<i>C</i> _{AB}	<i>L</i> [*]	<i>b</i> [*]	<i>C</i> _{AB}	<i>L</i> [*]	<i>b</i> [*]	<i>C</i> _{AB}	<i>L</i> [*]	<i>b</i> [*]	<i>C</i> _{AB}	<i>L</i> [*]	<i>b</i> [*]	<i>C</i> _{AB}	<i>L</i> [*]	<i>b</i> [*]	<i>C</i> _{AB}	<i>L</i> [*]	<i>b</i> [*]	<i>C</i> _{AB}	<i>L</i> [*]	<i>b</i> [*]	<i>C</i> _{AB}	<i>L</i> [*]	<i>b</i> [*]	<i>C</i> _{AB}	<i>L</i> [*]	<i>b</i> [*]	<i>C</i> _{AB}	<i>L</i> [*]	<i>b</i> [*]	<i>C</i> _{AB}	<i>L</i> [*]	<i>b</i> [*]	<i>C</i> _{AB}	<i>L</i> [*]	<i>b</i> [*]	<i>C</i> _{AB}	<i>L</i> [*]	<i>b</i> [*]	<i>C</i> _{AB}	<i>L</i> [*]	<i>b</i> [*]	<i>C</i> _{AB}	<i>L</i> [*]	<i>b</i> [*]	<i>C</i> _{AB}	<i>L</i> [*]	<i>b</i> [*]	<i>C</i> _{AB}	<i>L</i> [*]	<i>b</i> [*]	<i>C</i> _{AB}	<i>L</i> [*]	<i>b</i> [*]	<i>C</i> _{AB}	<i>L</i> [*]	<i>b</i> [*]	<i>C</i> _{AB}	<i>L</i> [*]	<i>b</i> [*]	<i>C</i> _{AB}	<i>L</i> [*]	<i>b</i> [*]	<i>C</i> _{AB}	<i>L</i> [*]	<i>b</i> [*]	<i>C</i> _{AB}	<i>L</i> [*]	<i>b</i> [*]	<i>C</i> _{AB}	<i>L</i> [*]	<i>b</i> [*]	<i>C</i> _{AB}	<i>L</i> [*]	<i>b</i> [*]	<i>C</i> _{AB}	<i>L</i> [*]	<i>b</i> [*]	<i>C</i> _{AB}	<i>L</i> [*]	<i>b</i> [*]	<i>C</i> _{AB}	<i>L</i> [*]	<i>b</i> [*]	<i>C</i> _{AB}	<i>L</i> [*]	<i>b</i> [*]	<i>C</i> _{AB}	<i>L</i> [*]	<i>b</i> [*]	<i>C</i> _{AB}	<i>L</i> [*]	<i>b</i> [*]	<i>C</i> _{AB}	<i>L</i> [*]	<i>b</i> [*]	<i>C</i> _{AB}	<i>L</i> [*]	<i>b</i> [*]	<i>C</i> _{AB}	<i>L</i> [*]	<i>b</i> [*]	<i>C</i> _{AB}	<i>L</i> [*]	<i>b</i> [*]	<i>C</i> _{AB}	<i>L</i> [*]	<i>b</i> [*]	<i>C</i> _{AB}	<i>L</i> [*]	<i>b</i> [*]	<i>C</i> _{AB}	<i>L</i> [*]	<i>b</i> [*]	<i>C</i> _{AB}	<i>L</i> [*]	<i>b</i> [*]	<i>C</i> _{AB}	<i>L</i> [*]	<i>b</i> [*]	<i>C</i> _{AB}	<i>L</i> [*]	<i>b</i> [*]	<i>C</i> _{AB}	<i>L</i> [*]	<i>b</i> [*]	<i>C</i> _{AB}	<i>L</i> [*]	<i>b</i> [*]	<i>C</i> _{AB}	<i>L</i> [*]	<i>b</i> [*]	<i>C</i> _{AB}	<i>L</i> [*]	<i>b</i> [*]	<i>C</i> _{AB}	<i>L</i> [*]	<i>b</i> [*]	<i>C</i> _{AB}	<i>L</i> [*]	<i>b</i> [*]	<i>C</i> _{AB}	<i>L</i> [*]	<i>b</i> [*]	<i>C</i> _{AB}	<i>L</i> [*]	<i>b</i> [*]	<i>C</i> _{AB}	<i>L</i> [*]	<i>b</i> [*]	<i>C</i> _{AB}	<i>L</i> [*]	<i>b</i> [*]	<i>C</i> _{AB}	<i>L</i> [*]	<i>b</i> [*]	<i>C</i> _{AB}	<i>L</i> [*]	<i>b</i> [*]	<i>C</i> _{AB}	<i>L</i> [*]	<i>b</i> [*]	<i>C</i> _{AB}	<i>L</i> [*]	<i>b</i> [*]	<i>C</i> _{AB}	<i>L</i> [*]	<i>b</i> [*]	<i>C</i> _{AB}	<i>L</i> [*]	<i>b</i> [*]	<i>C</i> _{AB}	<i>L</i> [*]	<i>b</i> [*]	<i>C</i> _{AB}	<i>L</i> [*]	<i>b</i> [*]	<i>C</i> _{AB}	<i>L</i> [*]	<i>b</i> [*]	<i>C</i> _{AB}	<i>L</i> [*]	<i>b</i> [*]	<i>C</i> _{AB}	<i>L</i> [*]	<i>b</i> [*]	<i>C</i> _{AB}	<i>L</i> [*]	<i>b</i> [*]	<i>C</i> _{AB}	<i>L</i> [*]	<i>b</i> [*]	<i>C</i> _{AB}	<i>L</i> [*]	<i>b</i> [*]	<i>C</i> _{AB}	<i>L</i> [*]	<i>b</i> [*]	<i>C</i> _{AB}	<i>L</i> [*]	<i>b</i> [*]	<i>C</i> _{AB}	<i>L</i> [*]	<i>b</i> [*]	<i>C</i> _{AB}	<i>L</i> [*]	<i>b</i> [*]	<i>C</i> _{AB}	<i>L</i> [*]	<i>b</i> [*]	<i>C</i> _{AB}	<i>L</i> [*]	<i>b</i> [*]	<i>C</i> _{AB}	<i>L</i> [*]	<i>b</i> [*]	<i>C</i> _{AB}	<i>L</i> [*]	<i>b</i> [*]	<i>C</i> _{AB}	<i>L</i> [*]	<i>b</i> [*]	<i>C</i> _{AB}	<i>L</i> [*]	<i>b</i> [*]	<i>C</i> _{AB}	<i>L</i> [*]	<i>b</i> [*]	<i>C</i> _{AB}	<i>L</i> [*]	<i>b</i> [*]	<i>C</i> _{AB}	<i>L</i> [*]	<i>b</i> [*]	<i>C</i> _{AB}	<i>L</i> [*]	<i>b</i> [*]	<i>C</i> _{AB}	<i>L</i> [*]	<i>b</i> [*]	<i>C</i> _{AB}	<i>L</i> [*]	<i>b</i> [*]	<i>C</i> _{AB}	<i>L</i> [*]	<i>b</i> [*]	<i>C</i> _{AB}	<i>L</i> [*]	<i>b</i> [*]

rgb* _{AB} und CIE-Daten eines Elementar-Bunttonkreises nach CIE R1-47 für Ostwald-Farben für CIE-Lichtart D65																			
Yxy, <i>abc</i> _{AB} , <i>ABC</i> _{AB} , <i>LabC*</i> _{ab,AB} -Daten für relative Stufung des Elementarbunttons <i>h</i> _{AB} von LINYAB für CIE-2-Grad Beobachter																			
Elementar-Bunttonkreise mit 4-Ziel-Elementar-Bunttonwinkeln: <i>h</i> _{AB} = 17, 93.3, 159.1, 270.8 von LINYAB und 90 Ziel-Bunttonwinkeln:																			
270, 271, ..., 360, LINYAB-Daten CIE-Testfarben 9 (R): 11.2 9.9 3.1, 10 (Y): 59.0 -1.2 20.9, 11 (G): 20.3 -7.2 27, 12 (B): 6.4 0.1 -8.2																			
<i>no.</i> _{AB}	<i>Y</i>	<i>x</i>	<i>y</i>	<i>a</i>	<i>b</i>	<i>c</i> _{AB}	<i>A</i>	<i>B</i>	<i>C</i> _{AB}	<i>h</i> _{AB}	<i>L*</i>	<i>a*</i>	<i>b*</i>	<i>C</i> _{AB}	<i>L</i> _{ab}	<i>rgb*</i> _{ab}	<i>Code</i> _{AB}		
276	19.2	0.127	0.132	0.963	-2.244	1.889	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	0.0	0.0	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	0.00	1.00	% B01R
273	17.1	0.127	0.119	1.066	-2.512	2.08	1.9	-35.5	35.6	273.2	48.4	10.8	-88.1	88.8	277.0	0.04	0.00	1.00	% B02R
274	16.3	0.128	0.115	1.111	-2.627	2.197	2.6	-35.8	35.9	274.2	47.4	14.6	-89.7	90.9	279.2	0.05	0.00	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	0.00	1.00	% B03R
276	15.0	0.129	0.107	1.205	-2.85	2.428	3.8	-36.3	36.5	276.0	45.7	21.9	-92.6	95.1	283.3	0.09	0.00	1.00	% B04R
277	14.3	0.129	0.102	1.254	-2.989	2.573	4.5	-36.6	36.8	277.0	44.7	26.1	-94.2	107.3	285.5	0.11	0.00	1.00	% B05R
278	13.5	0.129	0.097	1.304	-3.122	2.719	5.2	-37.0	37.2	278.0	43.5	30.9	-96.0	109.9	287.9	0.13	0.00	1.00	% B06R
279	12.7	0.131	0.092	1.414	-3.249	2.951	5.9	-37.3	37.6	279.1	42.3	36.0	-99.7	104.3	290.1	0.15	0.00	1.00	% B07R
280	11.9	0.132	0.087	1.513	-3.567	3.182	6.7	-37.7	37.9	280.2	41.1	41.3	-99.9	108.1	292.4	0.17	0.00	1.00	% B08R
281	11.1	0.133	0.082	1.619	-3.899	3.44	7.4	-37.6	38.3	281.2	39.8	46.7	-102.0	112.2	294.6	0.19	0.00	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	1.988	-4.831	4.535	9.7	-38.2	39.4	284.2	35.4	65.5	-109.0	127.2	301.8	0.24	0.00	1.00	% B12R
285	7.9	0.137	0.061	2.251	-5.235	5.173	10.4	-38.3	39.7	285.1	33.9	71.7	-112.0	132.3	305.8	0.26	0.00	1.00	% B13R
286	7.6	0.138	0.052	2.487	-5.622	5.907	10.3	-38.5	40.0	286.0	32.9	76.9	-115.6	138.9	310.7	0.28	0.00	1.00	% B14R
287	5.6	0.128	0.045	2.848	-7.295	7.117	10.7	-38.8	40.2	285.8	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	5.697	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	2.865	-5.395	5.362	14.2	-37.6	40.3	290.9	33.1	92.7	-111.2	144.8	309.8	0.37	0.00	1.00	% B18R
292	8.0	0.169	0.06	2.887	-5.099	5.02	14.9	-37.4	40.3	291.7	34.0	93.7	-109.6	144.2	311.3	0.39	0.00	1.00	% B19R
293	8.4	0.175	0.063	2.788	-4.826	4.64	15.6	-37.2	40.3	292.7	34.9	94.7	-108.0	143.7	312.2	0.41	0.00	1.00	% B20R
294	8.9	0.18	0.065	2.57	-4.515	4.516	16.2	-37.0	40.3	293.7	35.8	95.8	-106.4	145.7	313.1	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	3.997	18.4	-36.3	40.7	296.9	38.6	98.7	-101.6	141.4	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	298.0	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	-3.113	3.17	22.1	-35.0	41.4	302.3	42.9	103.2	-94.0	139.7	317.5	0.58	0.00	1.00	% B29R
303	13.6	0.237	0.09	2.634	-2.985	3.155	22.9	-34.7	41.6	303.4	43.7	104.1	-92.9	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	17.6	0.274	0.107	2.554	-2.294	2.474	28.1	-32.7	43.2	310.7	48.9	109.3	-83.0	137.2	322.7	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	2.173	33.0	-30.7	45.2	317.0	53.8	113.0	-74.7	135.5	326.6	0.86	0.00	1.00	% B43R
318	23.0	0.313	0.128	2.436	-1.861	1.974	34.3	-30.0	45.6	318.8	55.1	113.9	-71.8	135.9	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	132.5	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	% B46R
321	26.4	0.328	0.141	2.328	-1.504	1.744	36.4	-28.0	46.0	322.2	58.4	111.6	-66.5	129.5	329.5	0.93	0.00	1.00	% B47R
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	0.0	1.0	% 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	0.15																