***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	0.01	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	0.01	0.9504	−0.4355	0.0						%

$rgb^*_{e,AB}$- und CIE-Daten eines Elementar-Bunttonkreises nach CIE R1-47 für *Ostwald*-Farben für CIE-Lichtart D65

Yxy, abc_{AB}, ABC_{AB}, $LabC^*_{ab}h_{ab}$-Daten fü 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-Buntonwinkeln: 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}	$rgb^*_{e,AB}$			$Code_{AB}$
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	358.6	1.00	0.00	0.39	% B80R #
001	40.8	0.45	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	% B89R #
009	40.9	0.475	0.284	1.67	−0.335	0.726	29.4	4.1	29.7	7.9	70.1	76.7	12.3	77.7	9.1	1.00	0.00	0.19	% B90R #
010	40.9	0.479	0.288	1.663	−0.322	0.722	29.2	4.6	29.6	9.0	70.1	76.1	14.1	77.5	10.5	1.00	0.00	0.17	% B91R #
011	41.0	0.483	0.291	1.657	−0.309	0.718	28.9	5.1	29.4	10.1	70.1	75.6	15.9	77.3	11.9	1.00	0.00	0.15	% B92R #
012	41.0	0.486	0.294	1.65	−0.296	0.714	28.7	5.6	29.3	11.2	70.2	75.0	17.8	77.1	13.3	1.00	0.00	0.12	% B93R #
013	41.0	0.49	0.298	1.644	−0.283	0.71	28.5	6.2	29.1	12.3	70.2	74.5	19.7	77.0	14.8	1.00	0.00	0.1	% B94R #
014	41.0	0.493	0.301	1.638	−0.271	0.707	28.2	6.7	29.0	13.4	70.2	73.9	21.6	77.0	16.3	1.00	0.00	0.08	% B95R #
015	41.0	0.497	0.304	1.632	−0.258	0.704	28.0	7.2	28.9	14.5	70.2	73.4	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	19.4	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	0.0	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	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	80.0	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	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	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	73.0	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	0.595	19.9	21.3	29.2	46.9	75.5	49.7	129.0	138.3	68.9	1.00	0.38	0.00	% R38Y #
048	50.0	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	69.5	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	0.492	14.1	26.3	29.9	61.8	82.2	32.0	138.8	142.5	76.9	1.00	0.58	0.00	% R58Y #
063	61.3	0.539	0.459	1.175	−0.001	0.489	13.7	26.6	30.0	62.6	82.5	31.1	139.3	142.7	77.4	1.00	0.59	0.00	% R59Y #
064	62.0	0.537	0.46	1.166	−0.001	0.485	13.4	26.9	30.0	63.5	82.9	30.1	139.7	142.9	77.8	1.00	0.61	0.00	% R61Y #
065	62.7	0.535	0.462	1.157	−0.001	0.481	12.9	27.2	30.1	64.5	83.3	29.0	140.2	143.1	78.3	1.00	0.62	0.00	% R62Y #
066	63.4	0.533	0.464	1.147	−0.001	0.476	12.4	27.5	30.2	65.6	83.7	27.8	140.6	143.3	78.8	1.00	0.63	0.00	% R63Y #
067	64.3	0.53	0.467	1.136	−0.001	0.472	11.9	27.9	30.3	66.7	84.1	26.4	141.1	143.5	79.3	1.00	0.65	0.00	% R65Y #
068	65.1	0.528	0.469	1.126	−0.001	0.468	11.4	28.2	30.4	67.9	84.5	25.2	141.5	143.7	79.9	1.00	0.66	0.00	% R66Y #
069	65.7	0.526	0.471	1.118	−0.001	0.465	11.0	28.5	30.5	68.8	84.8	24.1	141.8	143.8	80.3	1.00	0.67	0.00	% R67Y #
070	66.3	0.524	0.472	1.11	−0.001	0.462	10.5	28.7	30.6	69.8	85.1	23.1	142.1	144.0	80.7	1.00	0.69	0.00	% R69Y #
071	67.0	0.523	0.474	1.101	−0.001	0.459	10.1	29.0	30.7	70.7	85.5	22.0	142.4	144.1	81.1	1.00	0.7	0.00	% R70Y #
072	67.7	0.521	0.476	1.093	−0.002	0.456	9.6	29.3	30.9	71.7	85.8	20.9	142.7	144.2	81.6	1.00	0.71	0.00	% R71Y #
073	68.3	0.519	0.478	1.084	−0.002	0.453	9.1	29.6	31.0	72.7	86.2	19.8	142.9	144.3	82.0	1.00	0.73	0.00	% R73Y #
074	69.0	0.517	0.48	1.076	−0.002	0.451	8.7	29.9	31.1	73.7	86.5	18.7	143.2	144.4	82.5	1.00	0.74	0.00	% R74Y #
075	69.8	0.514	0.482	1.068	−0.002	0.449	8.2	30.2	31.3	74.8	86.9	17.5	143.4	144.5	83.0	1.00	0.75	0.00	% R75Y #
076	70.5	0.512	0.484	1.059	−0.002	0.446	7.7	30.5	31.5	75.8	87.2	16.4	143.7	144.6	83.4	1.00	0.77	0.00	% R77Y #
077	71.2	0.51	0.485	1.051	−0.002	0.444	7.1	30.8	31.6	76.8	87.6	15.2	143.9	144.7	83.9	1.00	0.78	0.00	% R78Y #
078	71.9	0.508	0.487	1.043	−0.002	0.442	6.6	31.1	31.8	77.9	87.9	14.0	144.0	144.7	84.4	1.00	0.79	0.00	% R79Y #
079	72.7	0.506	0.489	1.034	−0.002	0.44	6.1	31.4	32.0	78.9	88.3	12.9	144.2	144.7	84.8	1.00	0.81	0.00	% R81Y #
080	73.4	0.504	0.491	1.026	−0.002	0.439	5.6	31.7	32.2	79.9	88.6	11.7	144.3	144.8	85.3	1.00	0.82	0.00	% R82Y #
081	74.1	0.502	0.493	1.018	−0.003	0.437	5.0	32.0	32.4	81.0	89.0	10.5	144.3	144.7	85.8	1.00	0.83	0.00	% R83Y #
082	74.9	0.5	0.495	1.009	−0.003	0.436	4.4	32.4	32.7	82.2	89.3	9.2	144.3	144.5	86.3	1.00	0.85	0.00	% R85Y #
083	75.7	0.497	0.497	1.0	−0.003	0.435	3.8	32.7	32.9	83.3	89.7	7.9	144.1	144.3	86.8	1.00	0.86	0.00	% R86Y #
084	76.5	0.495	0.499	0.992	−0.003	0.433	3.2	33.0	33.2	84.4	90.1	6.6	144.0	144.1	87.3	1.00	0.87	0.00	% R87Y #
085	77.3	0.493	0.501	0.983	−0.004	0.432	2.5	33.3	33.4	85.5	90.4	5.3	143.7	143.8	87.8	1.00	0.89	0.00	% R89Y #
086	78.0	0.491	0.503	0.975	−0.004	0.432	1.9	33.6	33.7	86.6	90.8	4.0	143.5	143.6	88.3	1.00	0.9	0.00	% R90Y #
087	78.7	0.489	0.505	0.968	−0.004	0.431	1.4	33.9	33.9	87.6	91.1	2.8	143.2	143.3	88.8	1.00	0.91	0.00	% R91Y #
088	79.4	0.487	0.506	0.96	−0.004	0.431	0.8	34.2	34.2	88.5	91.4	1.7	142.9	142.9	89.3	1.00	0.92	0.00	% R92Y #
089	80.1	0.485	0.508	0.954	−0.004	0.43	0.2	34.5	34.5	89.5	91.7	0.5	143.7	143.7	89.7	1.00	0.94	0.00	% R94Y #

CIEXYZ-Daten of CIE-Testfarben 9 (R): 20.6 11.2 4.3, 10 (Y): 54.8 59.0 12.0, 11 (G): 12.1 20.3 15.3, 12 (B): 6.2 6.4 27.6

rgb**$_{e,AB}$- und CIE-Daten eines Elementar-Buntton kreises nach CIE R1-47 für *Ostwald*-Farben für CIE-Lichtart D65

Yxy, abc$_{AB}$, ABC$_{AB}$, LabC*$_{ab}$h$_{ab}$-Daten für relative Stufung des Elementarbunttons h_{AB} von *LINYAB* für CIE-2-Grad Beobachter

Elementar-Buntton kreis mit 4 Ziel-Elementar-Buntton winkeln: h_{AB} = 17.7, 93.3, 159.1, 270.8 von *LINYAB* und 90 Ziel-Buntonwinkeln:

090, 091, ..., 179, 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**$_{e,AB}$	*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	% Y04G #
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	% Y05G #
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	% Y07G #
099	87.2	0.462	0.524	0.881	−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	% Y08G #
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	96.8	−20.1	126.7	128.3	99.0	0.82 1.00 0.00	% Y17G #
106	93.2	0.443	0.528	0.839	−02	0.429	−10.3	38.6	40.0	104.9	97.3	−19.7	124.4	125.9	99.0	0.8 1.00 0.00	% Y19G #
107	94.3	44	0.527	0.836	−0.024	0.426	−10.7	38.8	40.2	105.4	97.7	−20.4	121.2	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	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	−0.029	0.444	−16.2	37.0	40.4	113.7	96.4	−32.5	115.4	119.9	105.7	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	0.744	−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	119.8	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	119.9	113.1	0.56 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	125.6	93.9	−53.5	108.3	120.7	116.2	0.52 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	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	0.608	−0.037	0.525	−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	80.1	0.338	0.601	0.563	−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	0.551	−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	0.54	−0.041	0.569	−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	78.1	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	130.6	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	71.7	0.274	0.634	0.432	−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	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	0.259	0.636	0.401	−0.067	0.657	−37.4	25.3	45.5	146.2	86.4	−110.5	82.5	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	−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	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	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 1.00 0.00	% Y86G #
151	65.7	0.232	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	0.12 1.00 0.00	% Y87G #
152	65.7	0.232	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	0.1 1.00 0.00	% Y89G #
153	65.7	0.232	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	0.09 1.00 0.00	% Y90G #
154	62.5	0.203	0.591	0.343	−0.138	0.675	−37.9	18.5	42.2	153.9	83.2	−123.0	54.1	134.4	156.2	0.07 1.00 0.00	% Y92G #
155	62.3	0.199	0.579	0.344	−0.152	0.668	−37.7	17.6	41.6	154.9	83.1	−122.4	50.3	132.4	157.6	0.06 1.00 0.00	% Y93G #
156	62.2	0.199	0.566	0.346	−0.166	0.66	−37.5	16.7	41.0	156.3	83.0	−121.7	46.7	130.4	159.0	0.04 1.00 0.00	% Y95G #
157	62.0	0.193	0.554	0.349	−0.181	0.652	−37.3	15.7	40.5	157.0	82.9	−121.0	43.2	128.5	160.3	0.03 1.00 0.00	% Y96G #
158	61.9	0.191	0.543	0.351	−0.194	0.645	−37.0	14.9	39.9	158.1	82.8	−120.2	40.0	126.7	161.5	0.01 1.00 0.00	% Y98G #
159	61.8	0.188	0.533	0.353	−0.207	0.638	−36.8	14.0	39.4	159.1	82.8	−119.5	37.2	125.1	162.6	0.0 1.00 0.00	% Y99G #
160	61.6	0.186	0.525	0.355	−0.219	0.632	−36.6	13.3	39.0	160.0	82.7	−118.8	34.7	123.8	163.6	0.00 1.00 0.01	% G00B #
161	60.3	0.181	0.522	0.346	−0.226	0.639	−36.4	12.6	38.5	160.9	82.0	−120.6	33.0	125.1	164.6	0.00 1.00 0.03	% G01B #
162	60.2	18	0.517	0.347	−0.233	0.635	−36.2	12.1	38.2	161.4	81.9	−120.2	31.7	124.3	165.2	0.00 1.00 0.05	% G02B #
163	60.1	0.179	0.512	0.349	−0.241	0.631	−36.1	11.6	37.9	162.0	81.9	−119.6	30.1	123.3	165.8	0.00 1.00 0.06	% G03B #
164	60.0	0.177	0.505	0.351	−0.249	0.626	−35.9	11.1	37.6	162.7	81.8	−118.9	28.4	122.2	166.5	0.00 1.00 0.08	% G04B #
165	59.9	0.176	0.498	0.354	−0.259	0.621	−35.7	10.5	37.2	163.5	81.8	−118.0	26.6	121.0	167.2	0.00 1.00 0.1	% G05B #
166	59.8	0.175	0.491	0.357	−0.27	0.615	−35.4	9.8	36.8	164.4	81.7	−117.1	24.6	119.6	168.0	0.00 1.00 0.12	% G06B #
167	59.7	0.174	0.483	0.361	−0.282	0.608	−35.1	9.1	36.3	165.4	81.7	−115.9	22.5	118.1	168.9	0.00 1.00 0.13	% G06B #
168	59.6	0.173	0.474	0.365	−0.295	0.601	−34.8	8.3	35.8	166.5	81.6	−114.7	20.3	116.5	169.9	0.00 1.00 0.15	% G07B #
169	59.6	0.172	0.465	37	−0.31	0.593	−34.5	7.4	35.3	167.7	81.6	−113.3	18.0	114.7	170.9	0.00 1.00 0.17	% G08B #
170	59.5	0.171	0.456	0.375	−0.325	0.585	−34.2	6.5	34.8	169.1	81.5	−111.8	15.5	112.9	172.0	0.00 1.00 0.19	% G09B #
171	59.4	17	0.447	0.381	−0.341	0.576	−33.8	5.5	34.2	170.6	81.5	−110.1	13.0	110.9	173.2	0.00 1.00 0.21	% G10B #
172	59.4	0.17	0.439	0.387	−0.355	0.569	−33.4	4.7	33.8	171.9	81.5	−108.7	11.0	109.2	174.2	0.00 1.00 0.22	% G11B #
173	59.3	0.169	0.434	39	−0.363	0.564	−33.2	4.2	33.5	172.6	81.5	−107.8	9.8	108.2	174.7	0.00 1.00 0.24	% G12B #
174	59.3	0.169	0.43	0.393	−0.371	0.56	−33.0	3.7	33.2	173.4	81.4	−106.9	8.6	107.2	175.3	0.00 1.00 0.26	% G13B #
175	59.3	0.169	0.425	0.397	−0.38	0.556	−32.8	3.2	32.9	174.2	81.4	−105.9	7.4	106.2	175.9	0.00 1.00 0.28	% G14B #
176	59.3	0.168	0.421	0.4	−0.388	0.551	−32.6	2.7	32.7	175.1	81.4	−105.0	6.2	105.2	176.5	0.00 1.00 0.3	% G15B #
177	59.2	0.168	0.417	0.404	−0.397	0.547	−32.3	2.2	32.4	175.9	81.4	−104.0	5.0	104.2	177.2	0.00 1.00 0.31	% G15B #
178	59.2	0.168	0.412	0.408	−0.405	0.543	−32.1	1.7	32.1	176.8	81.4	−103.1	3.9	103.2	177.8	0.00 1.00 0.33	% G16B #
179	59.2	0.168	0.408	0.411	−0.414	0.539	−31.9	1.2	31.9	177.7	81.4	−102.1	2.7	102.1	178.4	0.00 1.00 0.35	% G17B #

CIEXYZ-Daten of CIE-Testfarben 9 (R): 20.6 11.2 4.3, 10 (Y): 54.8 59.0 12.0, 11 (G): 12.1 20.3 15.3, 12 (B): 6.2 6.4 2.7

***rgb**$_{e,AB}$*- und CIE-Daten eines Elementar-Buntton kreises nach CIE R1-47 für *Ostwald*-Farben für CIE-Lichtart D65**

***Yxy, abc*$_{AB}$, *ABC*$_{AB}$, *LabC**$_{ab}$*h_{ab}-Daten fü relative Stufung des Elementarbunttons h_{AB} von *LINYAB* für CIE-2-Grad Beobachter**

Elementar-Buntton kreis mit 4 Ziel-Elementar-Buntton winkeln: h_{AB} = 17.7, 93.3, 159.1, 270.8 von *LINYAB* und 90 Ziel-Buntonwinkeln:

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 −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**$_{e,AB}$	*Code*$_{AB}$	#
180	59.2	0.167	0.404	0.415	−0.423	0.535	−31.6	0.7	31.6	178.7	81.4	−101.1	1.5	101.1	179.1	0.00 1.00 0.37	% G18B	#
181	59.1	0.167	0.399	0.419	−0.432	0.531	−31.4	0.1	31.4	179.6	81.4	−100.1	0.4	100.1	179.7	0.00 1.00 0.39	% G19B	#
182	59.1	0.167	0.395	0.423	−0.441	0.527	−31.1	−0.3	31.2	180.6	81.3	−99.2	−0.7	99.2	180.4	0.00 1.00 0.4	% G20B	#
183	59.1	0.167	0.391	0.427	−0.45	0.523	−30.9	−0.8	30.9	181.6	81.3	−98.2	−1.8	98.2	181.0	0.00 1.00 0.42	% G21B	#
184	59.1	0.167	0.387	0.431	−0.459	0.52	−30.7	−1.4	30.7	182.6	81.3	−97.2	−2.0	97.2	181.7	0.00 1.00 0.44	% G22B	#
185	59.1	0.166	0.383	0.434	−0.468	0.516	−30.4	−1.9	30.5	183.6	81.3	−96.2	−4.1	96.3	182.4	0.00 1.00 0.46	% G23B	#
186	59.0	0.166	0.379	0.438	−0.477	0.513	−30.2	−2.4	30.3	184.7	81.3	−95.2	−5.2	95.3	183.1	0.00 1.00 0.48	% G24B	#
187	59.0	0.166	0.375	0.442	−0.486	0.51	−29.9	−3.0	30.1	185.7	81.3	−94.2	−6.3	94.4	183.8	0.00 1.00 0.49	% G24B	#
188	59.0	0.166	0.372	0.446	−0.495	0.507	−29.7	−3.5	29.9	186.8	81.3	−93.2	−7.4	93.5	184.5	0.00 1.00 0.51	% G25B	#
189	59.0	0.166	0.368	0.45	−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	% G26B	#
190	59.0	0.166	0.364	0.454	−0.514	0.501	−29.2	−4.6	29.6	189.0	81.2	−91.3	−9.5	91.8	185.9	0.00 1.00 0.55	% G27B	#
191	58.9	0.165	0.361	0.458	−0.523	0.499	−28.9	−5.1	29.4	190.1	81.2	−90.3	−10.5	90.9	186.6	0.00 1.00 0.57	% G28B	#
192	58.9	0.165	0.357	0.462	−0.532	0.497	−28.7	−5.6	29.3	191.2	81.2	−89.3	−11.5	90.1	187.3	0.00 1.00 0.58	% G29B	#
193	58.9	0.165	0.354	0.466	−0.541	0.495	−28.5	−6.2	29.1	192.3	81.2	−88.4	−12.5	89.3	188.0	0.00 1.00 0.6	% G30B	#
194	58.9	0.165	0.351	0.47	−0.55	0.493	−28.2	−6.7	29.0	193.4	81.2	−87.4	−13.5	88.5	188.8	0.00 1.00 0.62	% G31B	#
195	58.9	0.165	0.348	0.474	−0.558	0.491	−28.0	−7.2	28.9	194.5	81.2	−86.5	−14.5	87.7	189.5	0.00 1.00 0.64	% G32B	#
196	58.8	0.165	0.345	0.478	−0.567	0.49	−27.7	−7.7	28.8	195.6	81.2	−85.6	−15.4	87.0	190.2	0.00 1.00 0.65	% G32B	#
197	58.8	0.165	0.342	0.482	−0.576	0.488	−27.5	−8.2	28.7	196.7	81.2	−84.7	−16.3	86.3	190.9	0.00 1.00 0.67	% G33B	#
198	58.8	0.164	0.339	0.486	−0.584	0.487	−27.3	−8.7	28.6	197.8	81.2	−83.8	−17.2	85.6	191.6	0.00 1.00 0.69	% G34B	#
199	58.8	0.164	0.336	0.49	−0.593	0.486	−27.0	−9.2	28.6	198.9	81.1	−82.9	−18.1	84.9	192.3	0.00 1.00 0.71	% G35B	#
200	58.8	0.164	0.333	0.493	−0.601	0.485	−26.8	−9.7	28.5	199.9	81.1	−82.1	−19.0	84.2	193.0	0.00 1.00 0.73	% G36B	#
201	58.7	0.164	33	0.498	−0.611	0.485	−26.5	−10.3	28.5	201.3	81.1	−81.0	−20.0	83.4	193.9	0.00 1.00 0.74	% G37B	#
202	58.7	0.164	0.326	0.503	−0.622	0.484	−26.2	−10.9	28.4	202.7	81.1	−79.9	−21.1	82.6	194.8	0.00 1.00 0.76	% G38B	#
203	58.6	0.164	0.323	0.507	−0.633	0.484	−25.9	−11.5	28.4	204.0	81.1	−78.8	−22.2	81.9	195.7	0.00 1.00 0.78	% G39B	#
204	58.6	0.164	0.32	0.512	−0.643	0.484	−25.6	−12.1	28.4	205.3	81.0	−77.8	−23.2	81.2	196.5	0.00 1.00 0.8	% G40B	#
205	58.5	0.164	0.317	0.516	−0.652	0.484	−25.3	−12.7	28.4	206.5	81.0	−76.8	−24.2	80.5	197.4	0.00 1.00 0.82	% G41B	#
206	58.5	0.164	0.314	0.521	−0.661	0.485	−25.1	−13.2	28.4	207.8	81.0	−75.9	−25.0	79.9	198.2	0.00 1.00 0.83	% G41B	#
207	58.4	0.164	0.312	0.525	−0.67	0.486	−24.8	−13.7	28.4	208.9	81.0	−75.0	−25.8	79.3	199.0	0.00 1.00 0.85	% G42B	#
208	58.4	0.163	0.309	0.529	−0.679	0.486	−24.6	−14.2	28.4	210.0	80.9	−74.1	−26.7	78.8	199.8	0.00 1.00 0.87	% G43B	#
209	58.4	0.163	0.307	0.532	−0.687	0.487	−24.3	−14.7	28.4	211.1	80.9	−73.3	−27.4	78.2	200.5	0.00 1.00 0.89	% G44B	#
210	58.3	0.163	0.305	0.536	−0.695	0.488	−24.1	−15.1	28.5	212.1	80.9	−72.5	−28.1	77.8	201.2	0.00 1.00 0.91	% G45B	#
211	58.3	0.163	0.303	0.539	−0.702	0.489	−23.9	−15.5	28.5	213.0	80.9	−71.7	−28.8	77.3	201.9	0.00 1.00 0.92	% G46B	#
212	58.3	0.163	0.301	0.543	−0.709	0.49	−23.7	−15.9	28.6	213.9	80.9	−71.0	−29.5	76.9	202.5	0.00 1.00 0.94	% G47B	#
213	58.2	0.163	0.299	0.546	−0.716	0.492	−23.5	−16.3	28.6	214.7	80.9	−70.3	−30.1	76.5	203.1	0.00 1.00 0.96	% G48B	#
214	58.2	0.163	0.298	0.549	−0.722	0.493	−23.3	−16.7	28.7	215.5	80.8	−69.7	−30.6	76.1	203.7	0.00 1.00 0.98	% G49B	#
215	58.2	0.163	0.296	0.552	−0.727	0.494	−23.2	−17.0	28.7	216.2	80.8	−69.1	−31.1	75.8	204.2	0.00 1.00 0.99	% G50B	#
216	58.2	0.163	0.295	0.554	−0.733	0.495	−23.0	−17.3	28.8	216.9	80.8	−68.6	−31.6	75.5	204.7	0.00 0.98 1.00	% G50B	#
217	58.2	0.163	0.293	0.557	−0.737	0.496	−22.9	−17.6	28.8	217.5	80.8	−68.1	−32.0	75.2	205.2	0.00 0.96 1.00	% G51B	#
218	58.2	0.163	0.292	0.559	−0.742	0.497	−22.7	−17.8	28.9	218.0	80.8	−67.6	−32.4	75.0	205.6	0.00 0.94 1.00	% G52B	#
219	58.3	0.164	0.291	0.563	−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	57.5	0.162	0.289	0.562	−0.756	0.503	−22.3	−18.4	28.9	219.6	80.4	−66.6	−33.6	74.6	206.7	0.00 0.91 1.00	% G54B	#
221	56.6	0.161	0.287	0.562	−0.768	0.511	−22.0	−18.8	28.9	220.5	80.0	−66.4	−34.4	74.8	207.4	0.00 0.89 1.00	% G55B	#
222	55.7	0.159	0.284	0.561	−0.78	0.52	−21.6	−19.2	29.0	221.5	79.4	−66.2	−35.3	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	0.559	−0.823	0.551	−20.6	−20.5	29.1	224.7	77.7	−65.4	−38.2	75.8	210.2	0.00 0.82 1.00	% G59B	#
226	51.8	0.152	0.273	0.558	−0.839	0.562	−20.3	−20.9	29.1	225.8	77.2	−65.2	−39.2	76.1	211.0	0.00 0.8 1.00	% G59B	#
227	50.8	0.15	0.27	0.557	−0.855	0.574	−19.9	−21.3	29.2	226.9	76.6	−64.9	−40.2	76.4	211.8	0.00 0.78 1.00	% G60B	#
228	49.9	0.149	0.267	0.557	−0.871	0.587	−19.6	−21.7	29.3	227.9	76.0	−64.6	−41.2	76.6	212.5	0.00 0.76 1.00	% G61B	#
229	48.9	0.147	0.264	0.557	−0.889	0.6	−19.2	−22.2	29.3	229.1	75.4	−64.1	−42.3	76.8	213.4	0.00 0.74 1.00	% G62B	#
230	48.0	0.146	0.261	0.558	−0.906	0.612	−18.8	−22.6	29.4	230.2	74.8	−63.6	−43.3	76.9	214.2	0.00 0.73 1.00	% G63B	#
231	47.1	0.144	0.258	0.559	−0.922	0.624	−18.4	−22.9	29.4	231.2	74.3	−63.0	−44.2	76.9	215.0	0.00 0.71 1.00	% G64B	#
232	46.4	0.143	0.256	0.561	−0.937	0.635	−18.0	−23.2	29.4	232.1	73.8	−62.3	−45.0	76.9	215.8	0.00 0.69 1.00	% G65B	#
233	45.7	0.142	0.253	0.563	−0.951	0.645	−17.7	−23.6	29.5	233.1	73.3	−61.6	−45.8	76.8	216.6	0.00 0.67 1.00	% G66B	#
234	45.0	0.141	0.251	0.565	−0.966	0.655	−17.3	−23.8	29.5	234.0	72.9	−60.9	−46.6	76.7	217.4	0.00 0.65 1.00	% G67B	#
235	44.3	0.141	0.248	0.567	−0.981	0.667	−16.9	−24.2	29.5	234.9	72.4	−60.1	−47.4	76.6	218.2	0.00 0.64 1.00	% G67B	#
236	43.5	0.14	0.245	0.57	−0.995	0.679	−16.5	−24.6	29.5	235.9	71.9	−59.3	−48.3	76.5	219.1	0.00 0.62 1.00	% G68B	#
237	42.8	0.139	0.243	0.572	−1.016	0.692	−16.1	−24.8	29.6	236.9	71.4	−58.5	−49.1	76.4	220.0	0.00 0.6 1.00	% G69B	#
238	42.0	0.138	0.24	0.575	−1.034	0.706	−15.7	−25.1	29.6	237.9	70.9	−57.6	−50.0	76.3	220.9	0.00 0.58 1.00	% G70B	#
239	41.3	0.137	0.237	0.579	−1.052	0.72	−15.3	−25.4	29.7	238.9	70.4	−56.6	−50.9	76.1	221.9	0.00 0.56 1.00	% G71B	#
240	40.5	0.136	0.234	0.582	−1.071	0.734	−14.9	−25.8	29.8	239.9	69.8	−55.6	−51.8	76.0	222.9	0.00 0.55 1.00	% G72B	#
241	39.8	0.135	0.231	0.586	−1.091	0.75	−14.4	−26.1	29.8	240.9	69.3	−54.6	−52.7	75.9	223.9	0.00 0.53 1.00	% G73B	#
242	39.2	0.135	0.229	0.589	−1.108	0.763	−14.1	−26.3	29.9	241.8	68.9	−53.8	−53.4	75.8	224.8	0.00 0.51 1.00	% G74B	#
243	38.6	0.134	0.226	0.593	−1.126	0.777	−13.7	−26.6	30.0	242.6	68.4	−52.9	−54.2	75.7	225.7	0.00 0.49 1.00	% G75B	#
244	37.9	0.133	0.224	0.597	−1.145	0.792	−13.4	−26.9	30.0	243.5	67.9	−51.9	−55.0	75.6	226.6	0.00 0.48 1.00	% G75B	#
245	37.2	0.133	0.221	0.602	−1.166	0.809	−12.9	−27.2	30.1	244.5	67.4	−50.7	−55.9	75.5	227.7	0.00 0.46 1.00	% G76B	#
246	36.5	0.132	0.218	0.608	−1.19	0.829	−12.4	−27.5	30.2	245.6	66.9	−49.4	−56.9	75.3	229.0	0.00 0.44 1.00	% G77B	#
247	35.6	0.132	0.214	0.615	−1.217	0.851	−11.7	−27.9	30.4	246.7	66.2	−47.8	−57.9	75.1	230.4	0.00 0.42 1.00	% G78B	#
248	34.8	0.131	0.211	0.622	−1.245	0.873	−11.4	−28.2	30.4	247.9	65.6	−46.2	−59.0	75.0	231.9	0.00 0.4 1.00	% G79B	#
249	34.2	0.131	0.208	0.628	−1.267	0.892	−11.0	−28.5	30.5	248.8	65.1	−45.0	−59.8	74.8	233.0	0.00 0.39 1.00	% G80B	#
250	33.6	0.13	0.205	0.635	−1.291	0.912	−10.5	−28.7	30.6	249.8	64.6	−43.6	−60.7	74.7	234.2	0.00 0.37 1.00	% G81B	#
251	32.9	0.13	0.202	0.642	−1.317	0.933	−10.1	−29.0	30.7	250.7	64.1	−42.2	−61.6	74.6	235.5	0.00 0.35 1.00	% G82B	#
252	32.2	0.129	0.199	65	−1.344	0.957	−9.6	−29.3	30.9	251.7	63.5	−40.6	−62.5	74.6	236.9	0.00 0.33 1.00	% G83B	#
253	31.6	0.129	0.196	0.659	−1.373	0.982	−9.1	−29.6	31.0	252.7	63.0	−39.0	−63.5	74.5	238.4	0.00 0.31 1.00	% G84B	#
254	30.9	0.129	0.193	0.668	−1.404	1.009	−8.7	−29.9	31.1	253.7	62.4	−37.3	−64.5	74.5	239.9	0.00 0.3 1.00	% G84B	#
255	30.1	0.128	0.189	0.678	−1.437	1.038	−8.2	−30.2	31.3	254.8	61.8	−35.6	−65.5	74.6	241.4	0.00 0.28 1.00	% G85B	#
256	29.4	0.128	0.186	0.689	−1.472	1.069	−7.7	−30.5	31.5	255.8	61.2	−33.8	−66.6	74.7	243.0	0.00 0.26 1.00	% G86B	#
257	28.7	0.127	0.182	0.7	−1.508	1.101	−7.1	−30.8	31.6	256.8	60.5	−31.9	−67.7	74.8	244.7	0.00 0.24 1.00	% G87B	#
258	28.0	0.127	0.179	0.712	−1.547	1.137	−6.6	−31.1	31.8	257.9	59.9	−29.9	−68.8	75.0	246.4	0.00 0.22 1.00	% G88B	#
259	27.2	0.127	0.175	0.725	−1.588	1.174	−6.1	−31.4	32.0	258.9	59.2	−27.9	−69.9	75.3	248.2	0.00 0.21 1.00	% G89B	#
260	26.5	0.127	0.171	0.739	−1.631	1.214	−5.6	−31.7	32.2	259.9	58.5	−25.8	−71.0	75.6	250.0	0.00 0.19 1.00	% G90B	#
261	25.8	0.126	0.168	0.754	−1.677	1.257	−5.0	−32.0	32.4	261.0	57.8	−23.5	−72.2	76.0	251.9	0.00 0.17 1.00	% G91B	#
262	25.0	0.126	0.163	0.773	−1.73	1.307	−4.4	−32.4	32.7	262.2	57.1	−20.9	−73.5	76.5	254.0	0.00 0.15 1.00	% G92B	#
263	24.2	0.126	0.159	0.792	−1.786	1.36	−3.8	−32.7	32.9	263.3	56.3	−18.2	−74.8	77.0	256.2	0.00 0.13 1.00	% G93B	#
264	23.4	0.126	0.155	0.813	−1.845	1.416	−3.2	−33.0	33.2	264.4	55.5	−15.5	−76.2	77.7	258.4	0.00 0.12 1.00	% G93B	#
265	22.6	0.126	0.151	0.836	−1.906	1.475	−2.5	−33.3	33.4	265.5	54.7	−12.7	−77.5	78.5	260.6	0.00 0.1 1.00	% G94B	#
266	21.9	0.126	0.147	0.859	−1.969	1.536	−1.9	−33.6	33.7	266.6	53.9	−9.9	−78.8	79.4	262.8	0.00 0.08 1.00	% G95B	#
267	21.2	0.126	0.143	0.884	−2.035	1.601	−1.4	−33.9	33.9	267.6	53.2	−7.1	−80.1	80.4	264.9	0.00 0.06 1.00	% G96B	#
268	20.5	0.126	0.139	0.909	−2.103	1.668	−0.8	−34.2	34.2	268.5	52.4	−4.2	−81.4	81.5	266.9	0.00 0.05 1.00	% G97B	#
269	19.8	0.127	0.135	0.936	−2.173	1.737	−0.2	−34.5	34.5	269.5	51.6	−1.4	−82.6	82.7	268.9	0.00 0.03 1.00	% G98B	#

CIEXYZ-Daten of CIE-Testfarben 9 (R): 20.6 11.2 4.3, 10 (Y): 54.8 59.0 12.0, 11 (G): 12.1 20.3 15.3, 12 (B): 6.2 6.4 27.6

***rgb**$_{e,AB}$*- und CIE-Daten eines Elementar-Buntton kreises nach CIE R1-47 für *Ostwald*-Farben für CIE-Lichtart D65**

***Yxy, abc*$_{AB}$, *ABC*$_{AB}$, *LabC**$_{ab}$*h_{ab}-Daten fü relative Stufung des Elementarbuntton s h_{AB} von *LINYAB* für CIE-2-Grad Beobachter**

Elementar-Buntton kreis mit 4 Ziel-Elementar-Buntton winkeln: h_{AB} = 17.7, 93.3, 159.1, 270.8 von *LINYAB* und 90 Ziel-Buntonwinkeln:

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 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**	h_{ab}	*rgb**$_{e,AB}$	*Code*	
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	0.0	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	0.00	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	1.264	−2.989	2.573	4.5	−36.6	36.8	277.0	44.7	26.1	−94.2	97.7	285.5	0.11	0.00	1.00 % B05R #
278	13.5	0.13	0.097	1.336	−3.157	2.749	5.2	−36.8	37.2	278.0	43.5	30.9	−96.0	100.9	287.8	0.13	0.00	1.00 % B06R #
279	12.7	0.131	0.092	1.419	−3.349	2.951	5.9	−37.1	37.6	279.1	42.3	36.0	−97.9	104.3	290.1	0.15	0.00	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	0.00	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	0.00	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	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	2.251	−5.235	4.973	10.4	−38.3	39.7	285.1	33.9	71.7	−111.1	132.3	302.8	0.26	0.00	1.00 % B13R #
286	6.7	0.131	0.052	2.488	−6.202	5.968	10.3	−38.6	40.0	284.9	31.1	76.8	−115.6	138.8	303.5	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	285.4	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	−111.2	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	292.7	34.9	94.7	−108.0	143.7	311.2	0.41	0.00	1.00 % B20R #
294	8.9	0.182	0.065	2.77	−4.572	4.52	16.2	−37.0	40.4	293.7	35.9	95.8	−106.4	143.1	311.9	0.43	0.00	1.00 % B21R #
295	9.4	0.188	0.068	2.753	−4.328	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	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	42.8	103.2	−94.0	139.6	317.6	0.58	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	0.249	0.095	2.61	−2.754	2.851	24.4	−34.1	42.0	305.5	45.4	105.7	−90.0	138.6	319.6	0.64	0.00	1.00 % B32R #
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	17.5	0.274	0.107	2.554	−2.301	2.46	28.2	−32.8	43.2	310.6	49.0	109.3	−83.0	137.3	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	−1.978	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	32.4	−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	2.073	33.2	−30.7	45.2	317.2	53.8	113.0	−74.3	135.2	326.6	0.86	0.00	1.00 % B43R #
318	23.0	0.313	0.128	2.436	−1.736	1.974	34.3	−30.0	45.6	318.8	55.1	113.0	−71.8	133.9	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	321.2	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	322.2	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	1.0 % 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	0.159	2.165	−1.248	1.462	37.8	−25.3	45.5	326.2	62.6	107.0	−57.0	121.2	331.9	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	−54.7	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 % B55R #
331	35.9	36	0.178	2.017	−1.029	1.221	38.3	−21.3	43.9	330.8	66.4	101.3	−47.2	111.8	335.0	1.00	0.00	0.87 % B56R #
332	36.6	0.364	0.182	1.996	−0.994	1.185	38.3	−20.4	43.4	331.8	67.0	100.3	−45.3	110.1	335.6	1.00	0.00	0.85 % B57R #
333	37.2	0.367	0.186	1.976	−0.958	1.151	38.1	−19.4	42.8	332.9	67.4	99.3	−43.2	108.3	336.4	1.00	0.00	0.83 % B58R #
334	37.4	0.371	0.188	1.964	−0.931	1.128	37.9	−18.5	42.2	333.9	67.6	98.6	−41.5	107.0	337.1	1.00	0.00	0.81 % B59R #
335	37.6	0.374	0.191	1.954	−0.904	1.107	37.7	−17.6	41.6	334.9	67.7	98.0	−39.8	105.8	337.8	1.00	0.00	0.79 % B60R #
336	37.7	0.376	0.194	1.944	−0.877	1.087	37.5	−16.7	41.0	336.0	67.8	97.3	−38.0	104.5	338.6	1.00	0.00	0.78 % B60R #
337	37.9	0.381	0.197	1.934	−0.851	1.068	37.3	−15.7	40.5	337.0	67.9	96.7	−36.2	103.2	339.4	1.00	0.00	0.76 % B61R #
338	38.0	0.385	0.2	1.924	−0.827	1.05	37.0	−14.9	39.9	338.1	68.0	96.0	−34.5	102.1	340.2	1.00	0.00	0.74 % B62R #
339	38.1	0.388	0.202	1.915	−0.804	1.033	36.8	−14.0	39.4	339.1	68.1	95.4	−32.9	100.9	340.9	1.00	0.00	0.72 % B63R #
340	38.3	0.391	0.205	1.907	−0.783	1.018	36.6	−13.3	39.0	340.0	68.2	94.9	−31.4	99.9	341.6	1.00	0.00	0.7 % B64R #
341	39.6	0.393	0.21	1.868	−0.753	0.971	36.4	−12.6	38.5	340.9	69.2	92.8	−29.4	97.3	342.4	1.00	0.00	0.68 % B65R #
342	39.7	0.394	0.212	1.862	−0.741	0.961	36.2	−12.1	38.2	341.4	69.3	92.4	−28.5	96.7	342.8	1.00	0.00	0.66 % B66R #
343	39.8	0.396	0.213	1.856	−0.728	0.951	36.1	−11.6	37.9	342.0	69.3	91.9	−27.5	96.0	343.3	1.00	0.00	0.65 % B67R #
344	39.9	0.398	0.215	1.849	−0.714	0.941	35.9	−11.1	37.6	342.7	69.4	91.4	−26.3	95.2	343.9	1.00	0.00	0.63 % B68R #
345	40.0	0.401	0.217	1.841	−0.698	0.929	35.7	−10.5	37.2	343.5	69.5	90.9	−25.1	94.3	344.5	1.00	0.00	0.61 % B69R #
346	40.1	0.404	0.22	1.833	−0.681	0.916	35.4	−9.8	36.8	344.4	69.5	90.3	−23.7	93.3	345.2	1.00	0.00	0.59 % B70R #
347	40.2	0.407	0.223	1.825	−0.662	0.903	35.1	−9.1	36.3	345.4	69.6	89.6	−22.4	92.3	346.1	1.00	0.00	0.57 % B71R #
348	40.3	0.41	0.226	1.816	−0.642	0.89	34.8	−8.3	35.8	346.5	69.6	88.9	−20.4	91.2	347.0	1.00	0.00	0.55 % B72R #
349	40.3	0.414	0.229	1.806	−0.62	0.875	34.5	−7.4	35.3	347.7	69.7	88.1	−18.5	90.1	348.1	1.00	0.00	0.53 % B73R #
350	40.4	0.418	0.233	1.795	−0.597	0.86	34.2	−6.5	34.8	349.1	69.8	87.3	−16.4	88.8	349.3	1.00	0.00	0.51 % B74R #
351	40.5	0.423	0.237	1.784	−0.573	0.845	33.8	−5.5	34.2	350.6	69.8	86.4	−14.1	87.6	350.6	1.00	0.00	0.5 % B74R #
352	40.5	0.426	0.24	1.775	−0.552	0.832	33.4	−4.7	33.8	351.9	69.8	85.6	−12.2	86.5	351.8	1.00	0.00	0.48 % B75R #
353	40.6	0.429	0.242	1.769	−0.54	0.825	33.2	−4.2	33.5	352.6	69.9	85.2	−11.0	85.9	352.5	1.00	0.00	0.46 % B76R #
354	40.6	0.431	0.244	1.763	−0.528	0.818	33.0	−3.7	33.2	353.4	69.9	84.7	−9.8	85.3	353.3	1.00	0.00	0.44 % B77R #
355	40.6	0.434	0.246	1.757	−0.516	0.811	32.8	−3.2	32.9	354.2	69.9	84.2	−8.6	84.6	354.1	1.00	0.00	0.42 % B78R #
356	40.6	0.436	0.249	1.751	−0.504	0.804	32.6	−2.7	32.7	355.1	69.9	83.7	−7.3	84.0	354.9	1.00	0.00	0.4 % B79R #
357	40.7	0.439	0.251	1.745	−0.491	0.797	32.3	−2.2	32.4	355.9	69.9	83.2	−6.0	83.4	355.9	1.00	0.00	0.38 % B80R #
358	40.7	0.441	0.254	1.739	−0.478	0.79	32.1	−1.7	32.1	356.8	69.9	82.7	−4.7	82.8	356.7	1.00	0.00	0.36 % B81R #
359	40.7	0.444	0.256	1.733	−0.465	0.783	31.9	−1.2	31.9	357.7	70.0	82.2	−3.3	82.2	357.6	1.00	0.00	0.35 % B82R #
360	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	358.6	1.00	0.00	0.33 % B83R #

CIEXYZ-Daten of CIE-Testfarben 9 (R): 20.6 11.2 4.3, 10 (Y): 54.8 59.0 12.0, 11 (G): 12.1 20.3 15.3, 12 (B): 6.2 6.4 27.6

***Ostwald*-Optimalfarben (o) von maximalem (m) C_{AB} für D65, $Y_{w,10}$=100, Y_m=520_770, LINYAB-Daten** %

i_1, λ_1		i_2, λ_2		Y_{100}	A_{100}	B_{100}	C_{AB}	a	b	h_{AB}	i_d, λ_d		i_c, λ_c		Code	%
0	405	31	556	56.57	−21.89	−18.32	28.54	0.5611	−0.7532	219.9	15	476	37	585	Cm	%
6	435	31	557	57.41	−26.44	−8.79	27.86	0.4876	−0.5825	198.4	16	480	44	621		%
10	450	31	559	57.53	−32.48	6.09	33.05	0.3834	−0.3234	169.3	18	491	−1	491c		%
11	460	32	562	59.27	−33.9	10.52	35.5	0.3761	−0.2517	162.7	19	498	−1	498c		%
12	465	33	565	60.91	−34.93	14.56	37.84	0.3747	−0.1903	157.3	21	506	−1	506c		%
14	470	34	570	63.07	−35.18	20.67	40.8	0.3903	−0.1016	149.5	24	522	−1	522c		%
15	475	35	579	68.64	−33.55	24.85	41.75	0.4593	−0.0672	143.4	26	533	−1	533c	Gm	%
16	480	41	606	81.94	−23.65	31.88	39.7	0.6594	−0.0401	126.5	30	550	−1	550c		%
16	485	−1	484c	92.3	−10.45	36.33	37.8	0.8348	−0.0356	106.0	32	560	10	454		%
18	490	−1	490c	89.06	−7.57	36.55	37.33	0.863	−0.0188	101.7	32	562	11	459	max	%
19	495	−1	495c	87.05	−5.68	36.18	36.62	0.8828	−0.0136	98.9	32	563	12	461		%
19	500	−1	499c	87.05	−5.68	36.18	36.62	0.8828	−0.0136	98.9	32	563	12	461		%
22	510	−1	510c	79.1	1.43	33.55	33.58	0.9662	−0.0051	87.5	33	567	13	466		%
23	520	−1	519c	75.81	4.11	32.27	32.53	1.0024	−0.0036	82.7	33	568	13	468	Ym	%
26	530	−1	530c	64.17	12.31	27.48	30.11	1.14	−0.001	65.8	34	573	14	472		%
27	540	−1	539c	59.9	14.81	25.68	29.65	1.1955	−0.0005	60.0	35	576	14	473		%
28	545	−1	544c	55.54	17.09	23.83	29.32	1.2559	−0.0002	54.3	35	578	14	474		%
29	550	−1	549c	51.12	19.09	21.94	29.08	1.3215	−0.0001	48.9	36	580	15	475		%
31	555	−1	555c	42.37	21.98	18.19	28.53	1.4668	0.0	39.6	37	586	15	476		%
32	560	10	451	40.04	32.52	−6.18	33.11	1.7604	−0.5838	349.2	−1	492c	18	492		%
	380		770	100.0	0.0	0.0	0.01	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	0.01	0.9481	−0.4293	0.0						%

***rgb**$_{e,AB}$*- und CIE-Daten eines Elementar-Buntton kreises nach CIE R1-47 für *Ostwald*-Farben für CIE-Lichtart D65**

***Yxy, abc*$_{AB}$, *ABC*$_{AB}$, *LabC**$_{ab}$*h_{ab}-Daten fü relative Stufung des Elementarbunttons h_{AB} von *LINYAB* für CIE-10-Grad Beobachter**

Elementar-Buntton kreis mit 4 Ziel-Elementar-Buntton winkeln: h_{AB} = 18.2, 86.3, 156.2, 260.1 von *LINYAB* und 90 Ziel-Buntonwinkeln:

000, 001, ..., 089, 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.	$Y_{AB,100}$	x_{10}	y_{10}	a_{10}	b_{10}	$c_{AB,10}$	A_{10}	B_{10}	$C_{AB,10}$	$h_{AB,10}$	L^*_{10}	a^*_{10}	b^*_{10}	$C^*_{ab,10}$	$h_{ab,10}$	$rgb^*_{e,AB,10}$				*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	%	B81R #
001	40.0	0.436	0.253	1.719	−0.487	0.773	30.8	−2.3	30.9	355.7	69.5	80.8	−6.3	81.1	355.5	1.00	0.00	0.34	%	B82R #
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	%	B83R #
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	%	B84R #
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	%	B85R #
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	%	B86R #
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	%	B87R #
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	%	B88R #
008	40.2	0.454	27	1.682	−0.406	0.734	29.5	0.8	29.5	1.7	69.6	77.7	2.6	77.7	1.9	1.00	0.00	0.2	%	B89R #
009	40.2	0.457	0.272	1.676	−0.394	0.729	29.3	1.3	29.3	2.7	69.6	77.2	4.0	77.3	3.0	1.00	0.00	0.18	%	B90R #
010	40.2	46	0.275	1.67	−0.382	0.724	29.1	1.9	29.1	3.7	69.6	76.7	5.6	76.9	4.1	1.00	0.00	0.16	%	B91R #
011	40.3	0.463	0.278	1.664	−0.369	0.719	28.8	2.4	28.9	4.7	69.6	76.2	7.2	76.5	5.4	1.00	0.00	0.14	%	B92R #
012	40.3	0.467	0.281	1.658	−0.356	0.714	28.6	2.9	28.8	5.8	69.7	75.6	8.8	76.2	6.7	1.00	0.00	0.12	%	B93R #
013	40.3	47	0.284	1.652	−0.343	0.709	28.4	3.4	28.6	6.9	69.7	75.1	10.6	75.8	8.0	1.00	0.00	0.1	%	B94R #
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	%	B95R #
015	40.4	477	0.291	1.639	−0.316	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	%	B96R #
016	40.5	0.481	0.294	1.632	−0.303	0.695	27.7	5.0	28.1	10.4	69.8	73.4	16.1	75.2	12.3	1.00	0.00	0.04	%	B97R #
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	%	B98R #
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	%	B99R #
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	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	27.6	17.8	70.0	69.8	29.2	75.7	22.6	1.00	0.05	0.00	%	R05Y #
023	40.9	0.509	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	40.9	0.514	0.326	1.576	−0.195	0.67	25.7	9.5	27.5	20.4	70.1	68.6	34.3	76.7	26.5	1.00	0.08	0.00	%	R08Y #
025	41.0	0.518	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	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	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	−0.09	0.664	23.7	14.1	27.6	30.6	70.6	63.5	60.5	87.8	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	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	38	1.498	−0.053	0.666	23.1	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	58	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	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	591	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	42.6	0.597	0.409	1.457	0.007	0.671	21.7	18.6	28.6	40.5	71.3	58.0	134.8	146.7	66.7	1.00	0.31	0.00	%	R31Y #
041	43.5	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	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	73.2	1.00	0.42	0.00	%	R42Y #
048	50.2	575	0.432	1.331	0.007	0.581	19.2	21.9	29.1	48.7	76.2	47.5	146.8	154.3	72.0	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	566	0.433	1.306	0.0	0.559	18.6	22.3	29.1	50.1	77.3	45.3	133.1	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	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	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	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	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	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	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	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	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	60.9	541	0.457	1.182	0.0	0.488	14.2	26.1	29.7	61.3	82.3	32.3	140.6	144.2	77.0	1.00	0.64	0.00	%	R64Y #
063	61.6	539	0.459	1.173	0.0	0.484	13.9	26.4	29.8	62.2	82.7	31.3	141.0	144.5	77.4	1.00	0.65	0.00	%	R65Y #
064	62.3	0.537	0.461	1.164	0.0	0.48	13.4	26.7	29.9	63.2	83.1	30.2	141.5	144.7	77.9	1.00	0.67	0.00	%	R67Y #
065	63.2	0.534	0.464	1.152	0.0	0.474	12.9	27.1	30.0	64.5	83.5	28.8	141.9	144.8	78.5	1.00	0.68	0.00	%	R68Y #
066	64.2	0.531	0.466	1.138	−0.001	0.468	12.2	27.5	30.1	65.9	84.1	27.1	142.3	144.9	79.1	1.00	0.7	0.00	%	R70Y #
067	64.8	529	0.468	1.13	−0.001	0.465	11.8	27.7	30.1	66.9	84.6	26.1	142.5	144.9	79.6	1.00	0.71	0.00	%	R71Y #
068	65.5	0.527	47	1.121	−0.001	0.461	11.3	28.0	30.2	67.9	84.7	24.9	142.7	144.8	80.0	1.00	0.73	0.00	%	R73Y #
069	66.2	0.525	0.472	1.112	−0.001	0.458	10.8	28.3	30.3	68.9	85.1	23.8	142.8	144.8	80.5	1.00	0.74	0.00	%	R74Y #
070	66.9	0.523	474	1.103	−0.001	0.455	10.4	28.6	30.4	70.0	85.4	22.6	143.0	144.8	80.9	1.00	0.76	0.00	%	R76Y #
071	67.6	521	0.476	1.094	−0.001	0.452	9.9	28.9	30.5	71.0	85.8	21.5	143.2	144.8	81.4	1.00	0.77	0.00	%	R77Y #
072	68.3	519	0.478	1.085	−0.001	0.449	9.4	29.2	30.6	72.1	86.2	20.3	143.3	144.7	81.9	1.00	0.78	0.00	%	R78Y #
073	69.1	0.517	48	1.076	−0.002	0.446	8.8	29.5	30.8	73.2	86.5	19.1	143.4	144.7	82.3	1.00	0.8	0.00	%	R80Y #
074	69.8	515	0.482	1.068	−0.002	0.443	8.3	29.8	30.9	74.3	86.9	17.9	143.6	144.7	82.8	1.00	0.81	0.00	%	R81Y #
075	70.5	0.512	0.484	1.059	−0.002	0.441	7.8	30.1	31.1	75.3	87.2	16.8	143.7	144.6	83.3	1.00	0.83	0.00	%	R83Y #
076	71.2	51	0.485	1.051	−0.002	0.439	7.3	30.4	31.2	76.4	87.6	15.6	143.8	144.6	83.7	1.00	0.84	0.00	%	R84Y #
077	72.0	508	0.487	1.043	−0.002	0.437	6.8	30.7	31.4	77.4	87.9	14.5	143.8	144.6	84.2	1.00	0.86	0.00	%	R86Y #
078	72.7	506	0.489	1.035	−0.002	0.435	6.3	31.0	31.6	78.4	88.3	13.3	143.9	144.5	84.6	1.00	0.87	0.00	%	R87Y #
079	73.4	504	0.491	1.027	−0.003	0.433	5.8	31.2	31.8	79.4	88.6	12.2	144.0	144.5	85.1	1.00	0.89	0.00	%	R89Y #
080	74.0	0.503	0.492	1.02	−0.003	0.432	5.3	31.5	32.0	80.3	88.9	11.2	144.0	144.4	85.5	1.00	0.9	0.00	%	R90Y #
081	74.7	0.501	0.494	1.013	−0.003	0.431	4.8	31.8	32.2	81.2	89.2	10.2	144.0	144.4	85.9	1.00	0.92	0.00	%	R92Y #
082	75.3	0.499	0.496	1.007	−0.003	0.429	4.4	32.0	32.4	82.1	89.5	9.2	144.0	144.3	86.3	1.00	0.93	0.00	%	R93Y #
083	76.1	0.497	0.497	0.999	−0.003	0.428	3.9	32.3	32.6	83.1	89.9	8.1	144.2	144.4	86.7	1.00	0.95	0.00	%	R95Y #
084	76.9	0.495	0.499	0.99	−0.003	0.427	3.2	32.7	32.9	84.2	90.3	6.7	144.5	144.6	87.3	1.00	0.96	0.00	%	R96Y #
085	77.6	0.493	501	0.983	−0.003	0.427	2.7	33.0	33.1	85.1	90.6	5.7	144.4	144.5	87.7	1.00	0.98	0.00	%	R98Y #
086	78.1	0.491	0.502	0.977	−0.004	0.426	2.3	33.2	33.3	86.0	90.8	4.7	143.9	143.9	88.1	1.00	0.99	0.00	%	R99Y #
087	78.7	0.489	0.504	0.97	−0.004	0.425	1.7	33.4	33.4	86.9	91.1	3.6	142.6	142.7	88.5	0.99	1.00	0.00	%	Y00G #
088	79.4	0.487	0.505	0.962	−0.005	0.424	1.1	33.6	33.6	88.0	91.4	2.3	141.8	141.8	89.0	0.97	1.00	0.00	%	Y02G #
089	80.1	0.484	0.507	0.954	−0.006	0.423	0.5	33.8	33.9	89.0	91.7	1.0	140.3	140.3	89.5	0.96	1.00	0.00	%	Y03G #

CIEXYZ-Daten of CIE-Testfarben 9 (R): 19.0 10.8 4.3, 10 (Y): 54.3 55.9 11.0, 11 (G): 12.5 20.4 14.4, 12 (B): 6.1 7.8 26.5

***rgb**$_{e,AB}$*- und CIE-Daten eines Elementar-Buntton kreises nach CIE R1-47 für *Ostwald*-Farben für CIE-Lichtart D65**

***Yxy, abc*$_{AB}$, *ABC*$_{AB}$, *LabC**$_{ab}$*h*$_{ab}$-Daten fü relative Stufung des Elementarbunttons *h*$_{AB}$ von *LINYAB* für CIE-10-Grad Beobachter**

Elementar-Buntton kreis mit 4 Ziel-Elementar-Buntton winkeln: *h*$_{AB}$ = 18.2, 86.3, 156.2, 260.1 von *LINYAB* und 90 Ziel-Buntonwinkeln:

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): 20.4 −6.8 3.0, 12 (B): 7.8 −1.2 −7.2

no.$_{AB}$	Y_{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}	$C^*_{ab,10}$	$h_{ab,10}$	$rgb^*_{e,AB,10}$			$Code_{AB,10}$
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	51	0.938	−0.007	0.421	−0.7	34.3	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	34.9	93.4	93.0	−4.2	135.1	135.2	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	86.5	0.462	52	0.887	−0.013	0.42	−5.2	36.0	36.3	98.2	94.5	−10.3	130.8	131.3	94.5	0.83	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	126.8	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	123.3	124.2	96.8	0.77	1.00	0.00	% Y22G #
103	90.5	0.448	52	0.86	−0.023	0.414	−7.9	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	−8.3	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	92.3	0.434	0.519	0.835	−0.035	0.409	−10.3	36.3	37.8	105.9	96.9	−20.0	109.8	111.6	100.3	0.71	1.00	0.00	% Y28G #
107	92.0	0.432	521	0.829	−0.035	0.411	−10.9	36.2	37.8	106.8	96.8	−21.2	109.4	111.4	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	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	−14.4	35.2	38.0	112.3	95.9	−29.0	107.6	111.4	105.0	0.61	1.00	0.00	% Y38G #
114	89.3	0.416	0.534	0.779	−0.037	0.427	−15.0	35.0	38.1	113.3	95.7	−30.4	107.3	111.5	105.8	0.6	1.00	0.00	% Y39G #
115	88.8	0.413	0.536	0.77	−0.037	0.431	−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	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	0.391	0.554	0.706	−0.038	0.459	−20.5	33.1	38.9	121.7	93.8	−44.2	104.4	113.4	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	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	0.381	0.563	0.675	−0.039	0.475	−22.6	32.3	39.4	124.9	92.9	−50.1	103.1	114.5	115.9	0.44	1.00	0.00	% Y71G #
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	115.4	119.3	0.4	1.00	0.00	% Y59G #
129	79.9	0.362	575	0.63	−0.042	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	79.1	0.357	0.578	0.618	−0.044	0.507	−26.0	30.4	40.1	130.5	91.3	−61.3	98.3	115.9	121.9	0.37	1.00	0.00	% Y62G #
131	78.3	0.352	581	0.606	−0.045	0.514	−26.7	30.0	40.2	131.6	90.9	−63.8	97.2	116.2	123.2	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	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	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	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	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	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	42.2	0.509	327	1.553	−0.198	0.647	25.5	9.7	27.3	20.8	71.0	67.1	33.9	75.2	26.8	0.17	1.00	0.00	% Y82G #
145	42.2	0.508	0.327	1.554	−0.2	0.648	25.6	9.6	27.3	20.6	71.0	67.2	33.5	75.1	26.5	0.16	1.00	0.00	% Y83G #
146	42.2	0.507	0.326	1.555	−0.202	0.648	25.6	9.5	27.3	20.4	71.0	67.3	33.1	75.0	26.2	0.14	1.00	0.00	% Y85G #
147	42.2	0.507	325	1.556	−0.204	0.648	25.7	9.4	27.3	20.2	71.0	67.4	32.7	74.9	25.9	0.13	1.00	0.00	% Y86G #
148	42.2	0.506	325	1.557	−0.206	0.649	25.7	9.3	27.3	20.0	71.0	67.5	32.3	74.8	25.6	0.11	1.00	0.00	% Y88G #
149	42.2	0.505	324	1.559	−0.209	0.649	25.7	9.2	27.4	19.8	71.0	67.6	31.9	74.7	25.3	0.1	1.00	0.00	% Y89G #
150	42.1	0.505	323	1.56	−211	0.649	25.8	9.2	27.4	19.6	71.0	67.7	31.5	74.7	25.0	0.08	1.00	0.00	% Y91G #
151	42.1	0.504	323	1.561	−213	0.65	25.8	9.1	27.4	19.4	71.0	67.8	31.1	74.6	24.7	0.07	1.00	0.00	% Y92G #
152	42.1	0.503	322	1.562	−215	0.65	25.8	9.0	27.4	19.2	70.9	67.9	30.8	74.5	24.4	0.06	1.00	0.00	% Y93G #
153	42.1	0.503	321	1.563	−217	65	25.9	8.9	27.4	19.0	70.9	68.0	30.4	74.4	24.0	0.04	1.00	0.00	% Y95G #
154	42.1	0.502	321	1.564	−219	0.651	25.9	8.8	27.4	18.7	70.9	68.1	30.0	74.4	23.7	0.03	1.00	0.00	% Y96G #
155	42.1	0.501	32	1.565	−221	0.651	26.0	8.7	27.4	18.5	70.9	68.2	29.6	74.3	23.4	0.01	1.00	0.00	% Y98G #
156	42.1	0.501	319	1.566	−223	0.652	26.0	8.6	27.4	18.3	70.9	68.3	29.2	74.3	23.1	0.0	1.00	0.00	% Y99G #
157	42.1	5	319	1.567	−225	0.652	26.0	8.5	27.4	18.1	70.9	68.4	28.8	74.2	22.8	0.00	1.00	0.01	% Y00B #
158	42.0	0.499	318	1.569	−227	0.652	26.1	8.4	27.4	17.9	70.9	68.5	28.5	74.1	22.5	0.00	1.00	0.03	% Y01B #
159	42.0	0.499	0.317	1.57	−23	0.653	26.1	8.3	27.4	17.7	70.9	68.6	28.1	74.1	22.2	0.00	1.00	0.05	% Y02B #
160	42.0	0.498	0.317	1.571	−232	0.653	26.2	8.2	27.4	17.5	70.9	68.7	27.7	74.0	21.9	0.00	1.00	0.07	% Y03B #
161	42.0	0.497	0.316	1.572	−234	0.654	26.2	8.2	27.5	17.3	70.9	68.8	27.3	74.0	21.7	0.00	1.00	0.09	% Y04B #
162	42.0	0.497	315	1.573	−236	0.654	26.2	8.1	27.5	17.1	70.9	68.8	27.0	74.0	21.4	0.00	1.00	0.11	% Y05B #
163	42.0	0.496	0.315	1.574	−238	0.655	26.3	8.0	27.5	16.9	70.8	68.9	26.6	73.9	21.1	0.00	1.00	0.12	% Y06B #
164	42.0	0.495	314	1.575	−24	0.655	26.3	7.9	27.5	16.7	70.8	69.0	26.2	73.9	20.8	0.00	1.00	0.14	% Y07B #
165	42.0	0.495	0.314	1.576	−242	0.655	26.4	7.8	27.5	16.5	70.8	69.1	25.9	73.8	20.5	0.00	1.00	0.16	% Y08B #
166	41.9	0.494	0.313	1.578	−244	0.656	26.4	7.7	27.5	16.3	70.8	69.2	25.5	73.8	20.2	0.00	1.00	0.18	% Y09B #
167	41.9	0.493	0.312	1.579	−247	0.656	26.5	7.5	27.5	16.1	70.8	69.3	25.1	73.8	19.9	0.00	1.00	0.2	% Y10B #
168	41.9	0.493	0.312	1.58	−249	0.657	26.5	7.5	27.5	15.9	70.8	69.4	24.8	73.7	19.6	0.00	1.00	0.22	% G11B #
169	41.9	0.492	311	1.581	−251	0.657	26.5	7.4	27.6	15.6	70.8	69.5	24.4	73.7	19.3	0.00	1.00	0.24	% G12B #
170	41.9	0.492	0.31	1.582	−253	0.658	26.6	7.3	27.6	15.4	70.8	69.6	24.1	73.7	19.0	0.00	1.00	0.26	% G13B #
171	41.9	0.491	31	1.583	−255	0.659	26.6	7.2	27.6	15.2	70.8	69.7	23.7	73.7	18.8	0.00	1.00	0.28	% G14B #
172	41.9	49	0.309	1.584	−257	0.659	26.6	7.1	27.6	15.0	70.8	69.8	23.4	73.7	18.5	0.00	1.00	0.3	% G15B #
173	41.9	49	0.309	1.586	−259	66	26.7	7.1	27.6	14.8	70.8	69.9	23.0	73.6	18.2	0.00	1.00	0.32	% G16B #
174	41.8	0.489	0.308	1.587	−261	0.66	26.7	7.0	27.6	14.6	70.8	70.0	22.7	73.6	17.9	0.00	1.00	0.34	% G17B #
175	41.8	0.488	307	1.588	−264	0.661	26.8	6.9	27.6	14.4	70.7	70.1	22.3	73.6	17.6	0.00	1.00	0.36	% G18B #
176	41.8	0.488	0.307	1.589	−266	0.661	26.8	6.8	27.7	14.2	70.7	70.2	22.0	73.6	17.3	0.00	1.00	0.38	% G19B #
177	41.8	0.487	0.306	1.59	−268	0.662	26.8	6.7	27.7	14.0	70.7	70.3	21.6	73.6	17.1	0.00	1.00	0.39	% G19B #
178	41.8	0.487	0.305	1.591	−27	0.662	26.9	6.6	27.7	13.8	70.7	70.4	21.3	73.6	16.8	0.00	1.00	0.41	% G20B #
179	41.8	0.486	0.305	1.592	−272	0.663	26.9	6.5	27.7	13.6	70.7	70.5	21.0	73.6	16.5	0.00	1.00	0.43	% G21B #

CIEXYZ-Daten of CIE-Testfarben 9 (R): 19.0 10.8 4.3, 10 (Y): 54.3 55.9 11.0, 11 (G): 12.5 20.4 14.4, 12 (B): 6.1 7.8 26.5

***rgb**$_{e,AB}$*- und CIE-Daten eines Elementar-Buntton kreises nach CIE R1-47 für *Ostwald*-Farben für CIE-Lichtart D65**

***Yxy, abc*$_{AB}$, *ABC*$_{AB}$, *LabC*$_{ab}$h$_{ab}$*-Daten für relative Stufung des Elementarbunttons h_{AB} von *LINYAB* für CIE-10-Grad Beobachter**

Elementar-Buntton kreis mit 4 Ziel-Elementar-Buntton winkeln: h_{AB} = 18.2, 86.3, 156.2, 260.1 von *LINYAB* und 90 Ziel-Buntonwinkeln:

180, 181, ..., 269, 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.$_{AB,100}$	Y_{100}	x_{10}	y_{10}	a_{10}	b_{10}	$c_{AB,10}$	A_{10}	B_{10}	$C_{AB,10}$	$h_{AB,10}$	L^*_{10}	a^*_{10}	b^*_{10}	$C^*_{ab,10}$	$h_{ab,10}$	$rgb^*_{e,AB,10}$			*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	0.00	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	0.00	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	0.00	1.00	0.49	% G24B #
183	41.7	0.484	0.302	1.597	−0.281	0.666	27.1	6.1	27.8	12.8	70.7	70.9	19.6	73.6	15.4	0.00	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	0.00	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	0.00	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	0.00	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	0.00	1.00	0.59	% G29B #
188	41.7	0.481	0.3	1.603	−0.291	0.669	27.3	5.7	27.9	11.8	70.6	71.4	18.0	73.7	14.1	0.00	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	0.00	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	0.00	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	0.00	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	0.00	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	0.00	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	0.00	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	0.00	1.00	0.74	% G37B #
196	41.6	0.476	0.295	1.612	−0.308	0.674	27.6	5.0	28.0	10.2	70.6	72.2	15.5	73.9	12.1	0.00	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	0.00	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	0.00	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	0.00	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	0.00	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	0.00	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	0.00	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	0.00	1.00	0.9	% G45B #
204	41.5	0.471	0.291	1.621	−0.326	0.681	27.9	4.2	28.2	8.7	70.5	73.0	13.0	74.1	10.1	0.00	1.00	0.91	% G45B #
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	0.00	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	0.00	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	0.00	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	0.00	1.0	1.00	% 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	0.00	0.98	1.00	% 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	0.00	0.96	1.00	% 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	0.00	0.94	1.00	% G52B #
212	41.4	0.467	0.286	1.63	−0.342	0.687	28.2	3.5	28.4	7.2	70.4	73.8	10.7	74.5	8.2	0.00	0.92	1.00	% 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	0.00	0.9	1.00	% 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	0.00	0.88	1.00	% G55B #
215	41.3	0.465	0.285	1.633	−0.349	0.689	28.3	3.3	28.5	6.6	70.4	74.0	9.9	74.7	7.6	0.00	0.85	1.00	% 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	0.00	0.84	1.00	% 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	0.00	0.83	1.00	% 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	0.00	0.81	1.00	% 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	0.00	0.79	1.00	% G60B #
220	41.3	0.463	0.282	1.639	−0.359	0.694	28.5	2.8	28.7	5.7	70.4	74.5	8.5	75.0	6.5	0.00	0.77	1.00	% 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	0.00	0.75	1.00	% 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	0.00	0.73	1.00	% 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	0.00	0.71	1.00	% 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	0.00	0.69	1.00	% 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	0.00	0.67	1.00	% G66B #
226	41.2	0.46	0.279	1.646	−0.372	0.701	28.7	2.3	28.8	4.6	70.3	75.1	6.8	75.4	5.2	0.00	0.65	1.00	% G67B #
227	41.2	0.459	0.279	1.647	−0.374	0.701	28.8	2.2	28.9	4.4	70.3	75.2	6.6	75.5	5.0	0.00	0.63	1.00	% 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	0.00	0.61	1.00	% 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	0.00	0.59	1.00	% 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	0.00	0.57	1.00	% 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	0.00	0.56	1.00	% G71B #
232	41.1	0.457	0.276	1.652	−0.384	0.706	29.0	1.8	29.0	3.6	70.3	75.6	5.3	75.8	4.0	0.00	0.54	1.00	% G72B #
233	41.1	0.456	0.276	1.653	−0.386	0.707	29.0	1.7	29.1	3.4	70.3	75.7	5.0	75.9	3.8	0.00	0.52	1.00	% G73B #
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	0.00	0.5	1.00	% G74B #
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	0.00	0.48	1.00	% G75B #
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	0.00	0.46	1.00	% G76B #
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	0.00	0.44	1.00	% G77B #
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	0.00	0.42	1.00	% G78B #
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	0.00	0.4	1.00	% G79B #
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	0.00	0.38	1.00	% G80B #
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	0.00	0.36	1.00	% G81B #
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	0.00	0.34	1.00	% G82B #
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	0.00	0.32	1.00	% G83B #
244	41.0	0.451	0.271	1.665	−0.409	0.718	29.4	0.8	29.4	1.5	70.2	76.7	2.3	76.8	1.7	0.00	0.31	1.00	% G84B #
245	41.0	0.451	0.27	1.666	−0.411	0.719	29.4	0.7	29.5	1.4	70.2	76.8	2.1	76.9	1.5	0.00	0.29	1.00	% G85B #
246	41.0	0.45	0.27	1.668	−0.413	0.72	29.5	0.6	29.5	1.2	70.2	76.9	1.8	76.9	1.3	0.00	0.27	1.00	% G86B #
247	41.0	0.45	0.269	1.669	−0.415	0.721	29.5	0.5	29.5	1.1	70.1	77.0	1.6	77.0	1.2	0.00	0.25	1.00	% G87B #
248	41.0	0.449	0.269	1.67	−0.417	0.722	29.6	0.4	29.6	0.9	70.1	77.1	1.3	77.1	1.0	0.00	0.23	1.00	% G88B #
249	40.9	0.449	0.268	1.671	−0.419	0.723	29.6	0.4	29.6	0.7	70.1	77.2	1.1	77.2	0.8	0.00	0.21	1.00	% G89B #
250	40.9	0.448	0.268	1.672	−0.421	0.724	29.6	0.3	29.6	0.6	70.1	77.3	0.9	77.3	0.6	0.00	0.19	1.00	% G90B #
251	40.9	0.448	0.267	1.673	−0.423	0.725	29.7	0.2	29.7	0.4	70.1	77.4	0.6	77.4	0.5	0.00	0.17	1.00	% G91B #
252	40.9	0.447	0.267	1.674	−0.425	0.726	29.7	0.1	29.7	0.3	70.1	77.5	0.4	77.5	0.3	0.00	0.15	1.00	% G92B #
253	40.9	0.447	0.267	1.675	−0.427	0.727	29.7	0.0	29.7	0.1	70.1	77.5	0.2	77.5	0.1	0.00	0.13	1.00	% G93B #
254	40.9	0.447	0.266	1.676	−0.429	0.728	29.8	0.0	29.8	0.0	70.1	77.6	0.0	77.6	0.0	0.00	0.11	1.00	% G94B #
255	40.9	0.446	0.266	1.677	−0.431	0.729	29.8	0.0	29.8	359.8	70.1	77.7	−0.2	77.7	359.8	0.00	0.09	1.00	% G95B #
256	40.9	0.446	0.265	1.678	−0.433	0.73	29.8	−0.1	29.8	359.6	70.1	77.8	−0.4	77.8	359.6	0.00	0.07	1.00	% G96B #
257	40.9	0.445	0.265	1.679	−0.435	0.731	29.9	−0.2	29.9	359.5	70.1	77.9	−0.6	77.9	359.5	0.00	0.05	1.00	% G97B #
258	40.8	0.445	0.264	1.68	−0.437	0.732	29.9	−0.3	29.9	359.3	70.1	78.0	−0.8	78.0	359.3	0.00	0.04	1.00	% G97B #
259	40.8	0.444	0.264	1.681	−0.439	0.733	29.9	−0.4	29.9	359.2	70.0	78.1	−1.1	78.1	359.1	0.00	0.02	1.00	% G98B #
260	40.8	0.444	0.264	1.682	−0.441	0.734	30.0	−0.4	30.0	359.0	70.0	78.2	−1.3	78.2	359.0	0.00	0.0	1.00	% G99B #
261	40.8	0.444	0.263	1.683	−0.443	0.736	30.0	−0.5	30.0	358.9	70.0	78.2	−1.5	78.3	358.8	0.01	0.00	1.00	% B00R #
262	40.8	0.443	0.263	1.685	−0.444	0.737	30.0	−0.6	30.1	358.7	70.0	78.3	−1.7	78.3	358.7	0.03	0.00	1.00	% B01R #
263	40.8	0.443	0.262	1.686	−0.446	0.738	30.1	−0.7	30.1	358.6	70.0	78.4	−1.9	78.4	358.5	0.04	0.00	1.00	% B02R #
264	40.8	0.442	0.262	1.687	−0.448	0.739	30.1	−0.7	30.1	358.4	70.0	78.5	−2.2	78.5	358.3	0.06	0.00	1.00	% B03R #
265	40.8	0.442	0.262	1.688	−0.45	0.74	30.2	−0.8	30.2	358.3	70.0	78.6	−2.4	78.6	358.2	0.08	0.00	1.00	% B04R #
266	40.8	0.442	0.261	1.689	−0.452	0.741	30.2	−0.9	30.2	358.1	70.0	78.7	−2.6	78.7	358.0	0.09	0.00	1.00	% B04R #
267	40.7	0.441	0.261	1.69	−0.454	0.742	30.2	−1.0	30.2	358.0	70.0	78.7	−2.8	78.8	357.9	0.11	0.00	1.00	% B05R #
268	40.7	0.441	0.26	1.691	−0.456	0.743	30.3	−1.1	30.3	357.9	70.0	78.8	−3.0	78.9	357.7	0.13	0.00	1.00	% B06R #
269	40.7	0.44	0.26	1.692	−0.458	0.744	30.3	−1.1	30.3	357.7	70.0	78.9	−3.2	79.0	357.6	0.15	0.00	1.00	% B07R #

CIEXYZ-Daten of CIE-Testfarben 9 (R): 19.0 10.8 4.3, 10 (Y): 54.3 55.9 11.0, 11 (G): 12.5 20.4 14.4, 12 (B): 6.1 7.8 26.5

***rgb**$_{e,AB}$*- und CIE-Daten eines Elementar-Buntton kreises nach CIE R1-47 für *Ostwald*-Farben für CIE-Lichtart D65**

***Yxy, abc*$_{AB}$, *ABC*$_{AB}$, *LabC**$_{ab}$*h*$_{ab}$-Daten für relative Stufung des Elementarbunttons *h*$_{AB}$ von *LINYAB* für CIE-10-Grad Beobachter**

Elementar-Buntton kreis mit 4 Ziel-Elementar-Buntton winkeln: *h*$_{AB}$ = 18.2, 86.3, 156.2, 260.1 von *LINYAB* und 90 Ziel-Buntonwinkeln:

270, 271, ..., 360, LINYAB-Daten CIE-Testfarben 9 (R): 10.8 8.7 2.8, 10 (Y): 55.9 1.2 19.6, 11 (G): 20.4 −6.8 3.0, 12 (B): 7.8 −1.2 −7.2

no.	$Y_{AB,100}$	x_{10}	y_{10}	a_{10}	b_{10}	$c_{AB,10}$	A_{10}	B_{10}	$C_{AB,10}$	$h_{AB,10}$	L^*_{10}	a^*_{10}	b^*_{10}	$C^*_{ab,10}$	$h_{ab,10}$	$rgb^*_{e,AB,10}$				*Code*$_{AB,10}$
270	40.7	0.44	0.26	1.693	−0.46	0.745	30.3	−1.2	30.3	357.6	70.0	79.0	−3.4	79.1	357.4	0.16	0.00	1.00	%	B08R #
271	40.7	0.44	0.259	1.694	−0.462	0.746	30.4	−1.3	30.4	357.4	70.0	79.1	−3.6	79.2	357.3	0.18	0.00	1.00	%	B09R #
272	40.7	0.439	0.259	1.695	−0.464	0.747	30.4	−1.4	30.4	357.3	70.0	79.2	−3.8	79.3	357.1	0.2	0.00	1.00	%	B10R #
273	40.7	0.439	0.259	1.696	−0.465	0.749	30.4	−1.4	30.5	357.2	69.9	79.2	−4.0	79.3	357.0	0.21	0.00	1.00	%	B10R #
274	40.7	0.438	0.258	1.697	−0.467	0.75	30.5	−1.5	30.5	357.0	69.9	79.3	−4.2	79.4	356.9	0.23	0.00	1.00	%	B11R #
275	40.7	0.438	0.258	1.698	−0.469	0.751	30.5	−1.6	30.5	356.9	69.9	79.4	−4.4	79.5	356.7	0.25	0.00	1.00	%	B12R #
276	40.6	0.438	0.257	1.699	−0.471	0.752	30.5	−1.7	30.6	356.7	69.9	79.5	−4.6	79.6	356.6	0.26	0.00	1.00	%	B13R #
277	40.6	0.437	0.257	1.7	−0.473	0.753	30.6	−1.7	30.6	356.6	69.9	79.6	−4.8	79.7	356.4	0.28	0.00	1.00	%	B14R #
278	40.6	0.437	0.257	1.701	−0.475	0.754	30.6	−1.8	30.6	356.5	69.9	79.7	−5.0	79.8	356.3	0.3	0.00	1.00	%	B15R #
279	40.6	0.437	0.256	1.702	−0.476	0.755	30.6	−1.9	30.7	356.3	69.9	79.7	−5.2	79.9	356.2	0.31	0.00	1.00	%	B15R #
280	40.6	0.436	0.256	1.703	−0.478	0.756	30.6	−2.0	30.7	356.2	69.9	79.8	−5.4	80.0	356.0	0.33	0.00	1.00	%	B16R #
281	40.6	0.436	0.256	1.704	−0.48	0.757	30.7	−2.0	30.8	356.1	69.9	79.9	−5.6	80.1	355.9	0.35	0.00	1.00	%	B17R #
282	40.6	0.435	0.255	1.705	−0.482	0.758	30.7	−2.1	30.8	355.9	69.9	80.0	−5.8	80.2	355.8	0.37	0.00	1.00	%	B18R #
283	40.6	0.435	0.255	1.706	−0.484	0.76	30.7	−2.2	30.8	355.8	69.9	80.0	−6.0	80.3	355.6	0.38	0.00	1.00	%	B19R #
284	40.6	0.435	0.254	1.707	−0.486	0.761	30.8	−2.3	30.9	355.7	69.9	80.1	−6.2	80.4	355.5	0.4	0.00	1.00	%	B20R #
285	40.6	0.434	0.254	1.708	−0.487	0.762	30.8	−2.3	30.9	355.6	69.9	80.2	−6.4	80.5	355.4	0.42	0.00	1.00	%	B21R #
286	40.5	0.434	0.254	1.709	−0.489	0.763	30.8	−2.4	30.9	355.4	69.8	80.3	−6.6	80.6	355.2	0.43	0.00	1.00	%	B21R #
287	40.5	0.434	0.253	1.71	−0.491	0.764	30.9	−2.5	31.0	355.3	69.8	80.4	−6.8	80.6	355.1	0.45	0.00	1.00	%	B22R #
288	40.5	0.433	0.253	1.71	−0.493	0.765	30.9	−2.5	31.0	355.2	69.8	80.4	−6.9	80.7	355.0	0.47	0.00	1.00	%	B23R #
289	40.5	0.433	0.253	1.711	−0.494	0.766	30.9	−2.6	31.0	355.0	69.8	80.5	−7.1	80.8	354.9	0.48	0.00	1.00	%	B24R #
290	40.5	0.433	0.252	1.712	−0.496	0.767	31.0	−2.7	31.1	354.9	69.8	80.6	−7.3	80.9	354.7	0.5	0.00	1.00	%	B25R #
291	40.5	0.432	0.252	1.713	−0.498	0.768	31.0	−2.7	31.1	354.8	69.8	80.7	−7.5	81.0	354.6	0.52	0.00	1.00	%	B26R #
292	40.5	0.432	0.252	1.714	−0.5	0.769	31.0	−2.8	31.2	354.7	69.8	80.7	−7.7	81.1	354.5	0.53	0.00	1.00	%	B26R #
293	40.5	0.432	0.251	1.715	−0.501	0.771	31.1	−2.9	31.2	354.6	69.8	80.8	−7.9	81.2	354.4	0.55	0.00	1.00	%	B27R #
294	40.5	0.431	0.251	1.716	−0.503	0.772	31.1	−3.0	31.2	354.4	69.8	80.9	−8.0	81.3	354.2	0.57	0.00	1.00	%	B28R #
295	40.5	0.431	0.251	1.717	−0.505	0.773	31.1	−3.0	31.3	354.3	69.8	81.0	−8.2	81.4	354.1	0.59	0.00	1.00	%	B29R #
296	40.4	0.431	0.25	1.718	−0.507	0.774	31.1	−3.1	31.3	354.2	69.8	81.0	−8.4	81.5	354.0	0.6	0.00	1.00	%	B30R #
297	40.4	0.43	0.25	1.719	−0.508	0.775	31.2	−3.2	31.3	354.1	69.8	81.1	−8.6	81.6	353.9	0.62	0.00	1.00	%	B31R #
298	40.4	0.43	0.25	1.72	−0.51	0.776	31.2	−3.2	31.4	354.0	69.8	81.2	−8.7	81.7	353.8	0.64	0.00	1.00	%	B32R #
299	40.4	0.43	0.249	1.721	−0.512	0.777	31.2	−3.3	31.4	353.8	69.8	81.3	−8.9	81.8	353.7	0.65	0.00	1.00	%	B32R #
300	40.4	0.429	0.249	1.722	−0.513	0.778	31.3	−3.4	31.4	353.7	69.7	81.3	−9.1	81.8	353.6	0.67	0.00	1.00	%	B33R #
301	40.4	0.429	0.249	1.723	−0.515	0.779	31.3	−3.4	31.5	353.6	69.7	81.4	−9.2	81.9	353.4	0.69	0.00	1.00	%	B34R #
302	40.4	0.429	0.248	1.723	−0.517	0.78	31.3	−3.5	31.5	353.5	69.7	81.5	−9.4	82.0	353.3	0.7	0.00	1.00	%	B35R #
303	40.4	0.428	0.248	1.724	−0.518	0.781	31.3	−3.6	31.6	353.4	69.7	81.6	−9.6	82.1	353.2	0.72	0.00	1.00	%	B36R #
304	40.4	0.428	0.248	1.725	−0.52	0.782	31.4	−3.6	31.6	353.3	69.7	81.6	−9.7	82.2	353.1	0.74	0.00	1.00	%	B37R #
305	40.4	0.427	0.248	1.726	−0.521	0.783	31.4	−3.7	31.6	353.2	69.7	81.7	−9.9	82.3	353.0	0.75	0.00	1.00	%	B37R #
306	40.3	0.427	0.247	1.727	−0.523	0.785	31.4	−3.8	31.7	353.1	69.7	81.8	−10.1	82.4	352.9	0.77	0.00	1.00	%	B38R #
307	40.3	0.427	0.247	1.728	−0.525	0.786	31.5	−3.8	31.7	352.9	69.7	81.8	−10.2	82.5	352.8	0.79	0.00	1.00	%	B39R #
308	40.3	0.427	0.247	1.729	−0.526	0.787	31.5	−3.9	31.7	352.8	69.7	81.9	−10.4	82.6	352.7	0.81	0.00	1.00	%	B40R #
309	40.3	0.427	0.246	1.73	−0.528	0.788	31.5	−3.9	31.8	352.7	69.7	82.0	−10.5	82.7	352.6	0.82	0.00	1.00	%	B41R #
310	40.3	0.426	0.246	1.73	−0.529	0.789	31.5	−4.0	31.8	352.6	69.7	82.0	−10.7	82.7	352.5	0.84	0.00	1.00	%	B42R #
311	40.3	0.426	0.246	1.731	−0.531	0.79	31.6	−4.1	31.8	352.5	69.7	82.1	−10.9	82.8	352.4	0.86	0.00	1.00	%	B43R #
312	40.3	0.426	0.245	1.732	−0.533	0.791	31.6	−4.1	31.9	352.4	69.7	82.2	−11.0	82.9	352.3	0.87	0.00	1.00	%	B43R #
313	40.3	0.425	0.245	1.733	−0.534	0.792	31.6	−4.2	31.9	352.3	69.7	82.2	−11.2	83.0	352.2	0.89	0.00	1.00	%	B44R #
314	40.3	0.425	0.245	1.734	−0.536	0.793	31.7	−4.3	31.9	352.2	69.7	82.3	−11.3	83.1	352.1	0.91	0.00	1.00	%	B45R #
315	40.3	0.425	0.245	1.735	−0.537	0.794	31.7	−4.3	32.0	352.1	69.7	82.4	−11.5	83.2	352.0	0.92	0.00	1.00	%	B46R #
316	40.3	0.425	0.244	1.736	−0.539	0.795	31.7	−4.4	32.0	352.0	69.6	82.4	−11.7	83.3	351.9	0.94	0.00	1.00	%	B47R #
317	40.2	0.424	0.244	1.736	−0.54	0.796	31.7	−4.4	32.0	351.9	69.6	82.5	−11.8	83.4	351.8	0.96	0.00	1.00	%	B48R #
318	40.2	0.424	0.244	1.737	−0.542	0.797	31.8	−4.5	32.1	351.8	69.6	82.6	−11.9	83.4	351.7	0.97	0.00	1.00	%	B48R #
319	40.2	0.424	0.244	1.738	−0.543	0.798	31.8	−4.6	32.1	351.7	69.6	82.6	−12.1	83.5	351.6	1.00	0.00	1.0	%	B49R #
320	40.2	0.423	0.243	1.739	−0.545	0.799	31.8	−4.6	32.2	351.6	69.6	82.7	−12.2	83.6	351.5	1.00	0.00	0.98	%	B50R #
321	40.2	0.423	0.243	1.74	−0.546	0.8	31.8	−4.7	32.2	351.5	69.6	82.8	−12.3	83.7	351.4	1.00	0.00	0.96	%	B51R #
322	40.2	0.423	0.243	1.74	−0.548	0.801	31.9	−4.7	32.2	351.4	69.6	82.8	−12.5	83.8	351.4	1.00	0.00	0.95	%	B52R #
323	40.2	0.423	0.242	1.741	−0.549	0.802	31.9	−4.8	32.3	351.3	69.6	82.9	−12.6	83.9	351.3	1.00	0.00	0.93	%	B53R #
324	40.2	0.422	0.242	1.742	−0.551	0.803	31.9	−4.9	32.3	351.2	69.6	83.0	−12.8	83.9	351.2	1.00	0.00	0.91	%	B54R #
325	40.2	0.422	0.242	1.743	−0.552	0.804	31.9	−4.9	32.3	351.1	69.6	83.0	−12.9	84.0	351.1	1.00	0.00	0.9	%	B54R #
326	40.2	0.422	0.242	1.744	−0.553	0.805	32.0	−5.0	32.4	351.0	69.6	83.1	−13.0	84.1	351.0	1.00	0.00	0.88	%	B55R #
327	40.2	0.422	0.241	1.744	−0.555	0.806	32.0	−5.0	32.4	351.0	69.6	83.1	−13.2	84.2	350.9	1.00	0.00	0.86	%	B56R #
328	40.2	0.421	0.241	1.745	−0.556	0.807	32.0	−5.1	32.4	350.9	69.6	83.2	−13.3	84.3	350.8	1.00	0.00	0.85	%	B57R #
329	40.1	0.421	0.241	1.746	−0.558	0.808	32.0	−5.1	32.5	350.8	69.6	83.3	−13.4	84.3	350.8	1.00	0.00	0.83	%	B58R #
330	40.1	0.421	0.241	1.747	−0.559	0.809	32.1	−5.2	32.5	350.7	69.6	83.3	−13.6	84.4	350.7	1.00	0.00	0.81	%	B59R #
331	40.1	0.421	0.24	1.747	−0.56	0.81	32.1	−5.2	32.5	350.6	69.6	83.4	−13.7	84.5	350.6	1.00	0.00	0.79	%	B60R #
332	40.1	0.42	0.24	1.748	−0.562	0.811	32.1	−5.3	32.5	350.5	69.5	83.4	−13.8	84.6	350.5	1.00	0.00	0.78	%	B60R #
333	40.1	0.42	0.24	1.749	−0.563	0.812	32.1	−5.3	32.6	350.4	69.5	83.5	−14.0	84.7	350.4	1.00	0.00	0.76	%	B61R #
334	40.1	0.42	0.24	1.75	−0.564	0.813	32.2	−5.4	32.6	350.3	69.5	83.6	−14.1	84.7	350.4	1.00	0.00	0.74	%	B62R #
335	40.1	0.42	0.24	1.75	−0.566	0.814	32.2	−5.4	32.6	350.3	69.5	83.6	−14.2	84.8	350.3	1.00	0.00	0.73	%	B63R #
336	40.1	0.419	0.239	1.751	−0.567	0.815	32.2	−5.5	32.7	350.2	69.5	83.7	−14.3	84.9	350.2	1.00	0.00	0.71	%	B64R #
337	40.1	0.419	0.239	1.752	−0.568	0.816	32.2	−5.5	32.7	350.1	69.5	83.7	−14.5	84.9	350.1	1.00	0.00	0.69	%	B65R #
338	40.1	0.419	0.239	1.752	−0.57	0.817	32.2	−5.6	32.7	350.0	69.5	83.8	−14.6	85.0	350.0	1.00	0.00	0.68	%	B65R #
339	40.1	0.419	0.239	1.753	−0.571	0.818	32.3	−5.7	32.8	349.9	69.5	83.8	−14.7	85.1	350.0	1.00	0.00	0.66	%	B66R #
340	40.1	0.419	0.238	1.754	−0.572	0.818	32.3	−5.7	32.8	349.9	69.5	83.9	−14.8	85.2	349.9	1.00	0.00	0.64	%	B67R #
341	40.1	0.418	0.238	1.755	−0.574	0.819	32.3	−5.8	32.8	349.8	69.5	83.9	−14.9	85.3	349.8	1.00	0.00	0.63	%	B68R #
342	40.0	0.418	0.238	1.755	−0.575	0.82	32.3	−5.8	32.9	349.7	69.5	84.0	−15.1	85.3	349.8	1.00	0.00	0.61	%	B69R #
343	40.0	0.418	0.238	1.756	−0.576	0.821	32.4	−5.8	32.9	349.6	69.5	84.1	−15.2	85.4	349.7	1.00	0.00	0.59	%	B70R #
344	40.0	0.418	0.238	1.757	−0.577	0.822	32.4	−5.9	32.9	349.6	69.5	84.1	−15.3	85.5	349.6	1.00	0.00	0.57	%	B71R #
345	40.0	0.418	0.237	1.757	−0.578	0.823	32.4	−5.9	32.9	349.5	69.5	84.2	−15.4	85.6	349.6	1.00	0.00	0.56	%	B71R #
346	40.0	0.417	0.237	1.758	−0.58	0.824	32.4	−6.0	33.0	349.4	69.5	84.2	−15.5	85.6	349.5	1.00	0.00	0.54	%	B72R #
347	40.0	0.417	0.237	1.759	−0.581	0.825	32.4	−6.0	33.0	349.3	69.5	84.3	−15.6	85.7	349.4	1.00	0.00	0.52	%	B73R #
348	40.0	0.417	0.237	1.759	−0.582	0.825	32.5	−6.1	33.0	349.3	69.5	84.3	−15.7	85.8	349.4	1.00	0.00	0.51	%	B74R #
349	40.0	0.417	0.236	1.76	−0.583	0.826	32.5	−6.1	33.1	349.2	69.5	84.4	−15.8	85.8	349.3	1.00	0.00	0.49	%	B75R #
350	40.0	0.418	0.237	1.758	−0.579	0.824	32.4	−6.0	33.0	349.5	69.4	84.2	−15.4	85.6	349.5	1.00	0.00	0.47	%	B76R #
351	40.0	0.419	0.238	1.756	−0.573	0.82	32.3	−5.7	32.8	349.9	69.4	84.0	−14.8	85.3	349.9	1.00	0.00	0.46	%	B76R #
352	40.0	0.42	0.239	1.753	−0.566	0.817	32.2	−5.4	32.6	350.3	69.4	83.8	−14.2	85.0	350.3	1.00	0.00	0.44	%	B77R #
353	40.0	0.422	0.241	1.75	−0.559	0.813	32.1	−5.1	32.5	350.8	69.4	83.5	−13.5	84.6	350.7	1.00	0.00	0.42	%	B78R #
354	40.0	0.423	0.242	1.747	−0.551	0.808	31.9	−4.8	32.3	351.3	69.4	83.2	−12.8	84.2	351.2	1.00	0.00	0.41	%	B79R #
355	40.0	0.425	0.243	1.744	−0.543	0.804	31.8	−4.5	32.1	351.8	69.4	83.0	−12.0	83.8	351.7	1.00	0.00	0.39	%	B80R #
356	40.0	0.426	0.245	1.74	−0.534	0.799	31.7	−4.2	31.9	352.4	69.4	82.6	−11.2	83.4	352.2	1.00	0.00	0.37	%	B81R #
357	40.0	0.428	0.246	1.736	−0.526	0.794	31.5	−3.8	31.7	353.0	69.4	82.3	−10.3	83.0	352.8	1.00	0.00	0.35	%	B82R #
358	40.0	0.43	0.248	1.732	−0.516	0.789	31.4	−3.5	31.5	353.6	69.4	82.0	−9.4	82.5	353.4	1.00	0.00	0.34	%	B82R #
359	40.0	0.432	0.25	1.728	−0.507	0.784	31.2	−3.1	31.3	354.2	69.4	81.6	−8.4	82.0	354.1	1.00	0.00	0.32	%	B83R #
360	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	0.3	%	B84R #

CIEXYZ-Daten of CIE-Testfarben 9 (R): 19.0 10.8 4.3, 10 (Y): 54.3 55.9 11.0, 11 (G): 12.5 20.4 14.4, 12 (B): 6.1 7.8 26.5

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

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

***rgb*$_{e,ab}$*- und CIE-Daten eines Elementar-Bunttonkreises nach CIE R1-47 für *Ostwald*-Farben für CIE-Lichtart D65**

***Yxy, abC$_{AB}$, ABC$_{AB}$, LabC*$_{ab}$h$_{ab}$*-Daten fü 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-Buntonwinkeln:

000, 001, ..., 089, CIELAB-Daten CIE-Testfarben 9 (R): 40.0 58.9 28.3, 10 (Y): 81.3 −3.0 71.8, 11 (G): 52.2 −42.3 13.6, 12 (B): 30.5 1.2 −46.3

no.$_{ab}$	*Y*	*x*	*y*	*a*	*b*	*c*$_{AB}$	*A*	*B*	*C*$_{AB}$	*h*$_{AB}$	*L**	*a**	*b**	*C**$_{ab}$	*h*$_{ab}$	*rgb**$_{e,ab}$				*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	40.9	0.463	0.273	1.693	−0.383	0.745	30.3	2.1	30.4	4.0	70.1	78.8	6.1	79.0	4.4	1.00	0.00	0.39	%	B80R #
009	40.9	0.466	0.276	1.688	−0.372	0.74	30.1	2.5	30.3	4.8	70.1	78.3	7.5	78.7	5.4	1.00	0.00	0.37	%	B81R #
010	40.9	0.469	0.278	1.683	−0.361	0.736	29.9	3.0	30.1	5.7	70.1	77.9	8.9	78.4	6.5	1.00	0.00	0.35	%	B82R #
011	40.9	0.471	0.281	1.677	−0.35	0.732	29.7	3.4	29.9	6.6	70.1	77.4	10.3	78.1	7.5	1.00	0.00	0.33	%	B83R #
012	40.9	0.474	0.283	1.672	−0.34	0.728	29.5	3.9	29.8	7.5	70.1	76.9	11.7	77.8	8.6	1.00	0.00	0.3	%	B84R #
013	40.9	0.477	0.286	1.667	−0.329	0.724	29.3	4.3	29.7	8.4	70.1	76.5	13.2	77.6	9.8	1.00	0.00	0.28	%	B85R #
014	41.0	0.48	0.289	1.662	−0.318	0.721	29.1	4.7	29.5	9.3	70.1	76.0	14.7	77.4	10.9	1.00	0.00	0.26	%	B86R #
015	41.0	0.483	0.291	1.656	−0.308	0.717	28.9	5.2	29.4	10.2	70.1	75.6	16.2	77.3	12.1	1.00	0.00	0.24	%	B87R #
016	41.0	0.486	0.294	1.651	−0.297	0.714	28.7	5.6	29.3	11.1	70.2	75.1	17.7	77.2	13.2	1.00	0.00	0.21	%	B89R #
017	41.0	0.489	0.297	1.646	−0.286	0.711	28.5	6.1	29.2	12.0	70.2	74.6	19.2	77.1	14.4	1.00	0.00	0.19	%	B90R #
018	41.0	0.492	0.3	1.641	−0.276	0.709	28.3	6.5	29.1	12.9	70.2	74.2	20.8	77.1	15.7	1.00	0.00	0.17	%	B91R #
019	41.0	0.495	0.302	1.636	−0.266	0.706	28.1	6.9	29.0	13.8	70.2	73.7	22.4	77.1	16.9	1.00	0.00	0.15	%	B92R #
020	41.1	0.498	0.305	1.631	−0.256	0.704	27.9	7.3	28.9	14.7	70.2	73.3	24.1	77.1	18.1	1.00	0.00	0.12	%	B93R #
021	41.1	0.501	0.308	1.626	−0.246	0.701	27.7	7.7	28.8	15.6	70.2	72.8	25.7	77.3	19.4	1.00	0.00	0.1	%	B94R #
022	41.1	0.504	0.311	1.621	−0.236	0.699	27.5	8.1	28.7	16.5	70.2	72.4	27.4	77.4	20.7	1.00	0.00	0.08	%	B95R #
023	41.1	0.507	0.314	1.616	−0.226	0.697	27.4	8.6	28.7	17.4	70.2	72.0	29.1	77.6	22.0	1.00	0.00	0.06	%	B96R #
024	41.1	0.51	0.317	1.611	−0.216	0.696	27.2	9.0	28.6	18.3	70.2	71.5	30.8	77.9	23.3	1.00	0.00	0.03	%	B98R #
025	41.1	0.514	0.319	1.606	−0.207	0.694	27.0	9.3	28.6	19.1	70.3	71.1	32.5	78.2	24.6	1.00	0.00	0.01	%	B99R #
026	41.2	0.517	0.322	1.601	−0.198	0.693	26.8	9.7	28.5	20.0	70.3	70.7	34.3	78.6	25.9	1.00	0.0	0.00	%	R00Y #
027	41.2	0.52	0.326	1.597	−0.187	0.692	26.6	10.2	28.5	20.9	70.3	70.3	36.4	79.2	27.4	1.00	0.02	0.00	%	R02Y #
028	41.2	0.525	0.329	1.593	−0.176	0.692	26.5	10.6	28.5	21.9	70.3	69.9	38.7	79.9	28.9	1.00	0.03	0.00	%	R03Y #
029	41.2	0.528	0.332	1.588	−0.165	0.693	26.3	11.1	28.6	22.8	70.3	69.5	40.9	80.7	30.4	1.00	0.05	0.00	%	R05Y #
030	41.3	0.532	0.336	1.584	−0.155	0.693	26.2	11.5	28.6	23.8	70.3	69.1	43.2	81.5	31.9	1.00	0.06	0.00	%	R06Y #
031	41.3	0.536	0.339	1.58	−0.145	0.693	26.0	11.9	28.6	24.6	70.4	68.8	45.5	82.5	33.4	1.00	0.08	0.00	%	R08Y #
032	41.3	0.54	0.342	1.576	−0.136	0.694	25.9	12.3	28.7	25.5	70.4	68.4	47.8	83.5	34.9	1.00	0.09	0.00	%	R09Y #
033	41.3	0.544	0.345	1.572	−0.127	0.694	25.7	12.7	28.7	26.3	70.4	68.1	50.1	84.5	36.3	1.00	0.11	0.00	%	R11Y #
034	41.3	0.547	0.348	1.569	−0.118	0.695	25.6	13.1	28.7	27.1	70.4	67.7	52.4	85.6	37.7	1.00	0.12	0.00	%	R12Y #
035	41.4	0.55	0.351	1.565	−0.11	0.696	25.4	13.4	28.8	27.8	70.4	67.4	54.7	86.8	39.0	1.00	0.14	0.00	%	R14Y #
036	41.4	0.554	0.354	1.561	−0.102	0.696	25.3	13.8	28.8	28.5	70.4	67.1	57.0	88.1	40.3	1.00	0.15	0.00	%	R15Y #
037	41.4	0.557	0.357	1.558	−0.094	0.696	25.1	14.1	28.8	29.2	70.4	66.7	59.4	89.3	41.6	1.00	0.16	0.00	%	R16Y #
038	41.4	0.56	0.36	1.554	−0.087	0.697	25.0	14.4	28.9	29.9	70.5	66.4	61.7	90.7	42.8	1.00	0.18	0.00	%	R18Y #
039	41.5	0.563	0.363	1.55	−0.08	0.697	24.9	14.7	28.9	30.5	70.5	66.1	64.0	92.0	44.0	1.00	0.19	0.00	%	R19Y #
040	41.5	0.566	0.365	1.547	−0.074	0.697	24.7	14.9	28.9	31.1	70.5	65.8	66.3	93.4	45.2	1.00	0.21	0.00	%	R21Y #
041	41.5	0.568	0.368	1.544	−0.068	0.698	24.6	15.2	29.0	31.7	70.5	65.5	68.7	94.9	46.3	1.00	0.22	0.00	%	R22Y #
042	41.5	0.571	0.37	1.54	−0.062	0.698	24.5	15.4	29.0	32.2	70.5	65.2	71.0	96.4	47.4	1.00	0.24	0.00	%	R24Y #
043	41.5	0.573	0.372	1.537	−0.057	0.698	24.4	15.7	29.0	32.7	70.5	64.9	73.2	97.9	48.4	1.00	0.25	0.00	%	R25Y #
044	41.6	0.575	0.375	1.534	−0.052	0.698	24.3	15.9	29.0	33.2	70.5	64.6	75.5	99.4	49.4	1.00	0.27	0.00	%	R27Y #
045	41.6	0.577	0.377	1.531	−0.047	0.698	24.1	16.1	29.0	33.7	70.6	64.3	77.8	100.9	50.4	1.00	0.28	0.00	%	R28Y #
046	41.6	0.579	0.379	1.528	−0.043	0.698	24.0	16.3	29.0	34.1	70.6	64.0	80.0	102.5	51.3	1.00	0.3	0.00	%	R29Y #
047	41.6	0.581	0.381	1.525	−0.039	0.698	23.9	16.5	29.0	34.5	70.6	63.8	82.2	104.1	52.2	1.00	0.31	0.00	%	R31Y #
048	41.6	0.583	0.382	1.523	−0.035	0.698	23.8	16.6	29.1	34.9	70.6	63.5	84.4	105.7	53.0	1.00	0.33	0.00	%	R33Y #
049	41.6	0.584	0.384	1.52	−0.032	0.698	23.7	16.8	29.1	35.2	70.6	63.3	86.6	107.3	53.8	1.00	0.34	0.00	%	R34Y #
050	41.7	0.585	0.386	1.517	−0.029	0.697	23.6	16.9	29.1	35.6	70.6	63.0	88.8	108.9	54.6	1.00	0.36	0.00	%	R36Y #
051	41.7	0.587	0.387	1.515	−0.026	0.697	23.5	17.0	29.0	35.9	70.6	62.8	90.9	110.5	55.3	1.00	0.37	0.00	%	R37Y #
052	41.7	0.588	0.388	1.512	−0.023	0.697	23.4	17.1	29.0	36.2	70.6	62.6	93.0	112.1	56.0	1.00	0.39	0.00	%	R39Y #
053	41.7	0.589	0.39	1.51	−0.02	0.696	23.3	17.3	29.0	36.5	70.6	62.3	95.0	113.7	56.7	1.00	0.4	0.00	%	R40Y #
054	41.7	0.59	0.391	1.508	−0.018	0.696	23.2	17.4	29.0	36.7	70.7	62.1	97.0	115.2	57.3	1.00	0.42	0.00	%	R42Y #
055	41.7	0.591	0.392	1.505	−0.016	0.695	23.1	17.4	29.0	37.0	70.7	61.9	99.0	116.8	57.9	1.00	0.43	0.00	%	R43Y #
056	41.7	0.591	0.393	1.503	−0.014	0.695	23.1	17.5	29.0	37.2	70.7	61.7	100.9	118.3	58.5	1.00	0.45	0.00	%	R45Y #
057	41.7	0.592	0.394	1.501	−0.013	0.694	23.0	17.6	29.0	37.4	70.7	61.5	102.8	119.9	59.1	1.00	0.46	0.00	%	R46Y #
058	41.7	0.593	0.395	1.499	−0.011	0.693	22.9	17.7	28.9	37.6	70.7	61.3	104.7	121.4	59.6	1.00	0.48	0.00	%	R48Y #
059	41.7	0.593	0.396	1.498	−0.01	0.693	22.8	17.7	28.9	37.8	70.7	61.2	106.5	122.8	60.1	1.00	0.49	0.00	%	R49Y #
060	41.8	0.593	0.396	1.496	−0.009	0.692	22.8	17.8	28.9	37.9	70.7	61.0	108.2	124.3	60.5	1.00	0.51	0.00	%	R51Y #
061	41.8	0.594	0.397	1.494	−0.008	0.692	22.7	17.8	28.9	38.1	70.7	60.8	109.9	125.7	61.0	1.00	0.52	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	61.5	119.3	134.3	62.7	1.00	0.54	0.00	%	R54Y #
063	41.1	0.6	0.399	1.503	0.0	0.703	22.7	17.9	28.9	38.2	70.2	61.4	120.3	135.1	62.9	1.00	0.55	0.00	%	R55Y #
064	42.2	0.596	0.402	1.481	0.0	0.686	22.4	18.3	28.9	39.3	71.0	59.7	121.9	135.8	63.8	1.00	0.57	0.00	%	R57Y #
065	43.4	0.592	0.406	1.456	0.0	0.667	22.0	18.9	29.0	40.6	71.8	57.9	123.5	136.4	64.8	1.00	0.58	0.00	%	R58Y #
066	44.7	0.588	0.411	1.431	0.0	0.648	21.5	19.5	29.0	42.1	72.7	55.9	125.0	136.9	65.8	1.00	0.6	0.00	%	R60Y #
067	46.2	0.584	0.415	1.405	0.0	0.629	21.0	20.1	29.1	43.7	73.7	53.8	126.4	137.4	66.9	1.00	0.61	0.00	%	R61Y #
068	47.7	0.579	0.42	1.379	0.0	0.611	20.4	20.7	29.1	45.4	74.6	51.6	127.8	137.9	67.9	1.00	0.63	0.00	%	R63Y #
069	49.2	0.574	0.424	1.354	0.0	0.593	19.9	21.4	29.2	47.0	75.6	49.5	129.1	138.3	69.0	1.00	0.64	0.00	%	R64Y #
070	50.8	0.57	0.428	1.33	0.0	0.577	19.3	22.1	29.3	48.8	76.5	47.3	130.5	138.8	70.0	1.00	0.66	0.00	%	R66Y #
071	52.4	0.565	0.433	1.304	0.0	0.56	18.5	22.8	29.4	50.8	77.5	44.9	132.0	139.5	71.2	1.00	0.67	0.00	%	R67Y #
072	53.8	0.561	0.437	1.283	0.0	0.547	17.9	23.3	29.4	52.5	78.3	42.8	133.2	140.0	72.1	1.00	0.69	0.00	%	R69Y #
073	55.0	0.557	0.44	1.265	−0.001	0.536	17.3	23.9	29.5	54.0	79.0	40.9	134.3	140.4	73.0	1.00	0.7	0.00	%	R70Y #
074	56.4	0.553	0.445	1.244	−0.001	0.524	16.5	24.5	29.5	55.9	79.8	38.8	135.4	140.9	74.0	1.00	0.72	0.00	%	R72Y #
075	57.8	0.549	0.449	1.223	−0.001	0.513	15.7	25.1	29.6	57.8	80.6	36.5	136.6	141.4	75.0	1.00	0.73	0.00	%	R73Y #
076	59.3	0.545	0.453	1.202	−0.001	0.502	14.9	25.7	29.8	59.8	81.4	34.3	137.7	141.9	76.0	1.00	0.75	0.00	%	R75Y #
077	60.7	0.541	0.457	1.184	−0.001	0.491	14.1	26.3	29.9	61.7	82.2	32.1	138.7	142.4	76.9	1.00	0.76	0.00	%	R76Y #
078	62.0	0.537	0.46	1.166	−0.001	0.484	13.3	26.9	30.0	63.5	82.9	30.1	139.7	142.9	77.8	1.00	0.78	0.00	%	R78Y #
079	63.5	0.533	0.465	1.146	−0.001	0.476	12.4	27.5	30.2	65.7	83.7	27.7	140.7	143.4	78.8	1.00	0.79	0.00	%	R79Y #
080	65.2	0.528	0.469	1.124	−0.001	0.467	11.3	28.2	30.4	68.1	84.6	25.0	141.5	143.7	79.9	1.00	0.81	0.00	%	R81Y #
081	66.6	0.524	0.473	1.107	−0.002	0.461	10.4	28.8	30.7	70.1	85.3	22.7	142.1	143.9	80.8	1.00	0.82	0.00	%	R82Y #
082	68.0	0.519	0.477	1.088	−0.002	0.454	9.4	29.5	30.9	72.2	86.0	20.3	142.7	144.2	81.8	1.00	0.84	0.00	%	R84Y #
083	69.6	0.515	0.481	1.07	−0.002	0.449	8.3	30.1	31.2	74.5	86.8	17.8	143.3	144.4	82.8	1.00	0.85	0.00	%	R85Y #
084	71.2	0.51	0.485	1.051	−0.002	0.444	7.1	30.8	31.6	76.8	87.6	15.2	143.7	144.6	83.9	1.00	0.87	0.00	%	R87Y #
085	72.8	0.506	0.489	1.033	−0.003	0.44	6.0	31.5	32.0	79.1	88.3	12.6	144.1	144.7	84.9	1.00	0.88	0.00	%	R88Y #
086	74.5	0.501	0.494	1.014	−0.003	0.436	4.7	32.1	32.5	81.5	89.1	10.0	144.4	144.7	86.0	1.00	0.9	0.00	%	R90Y #
087	76.2	0.496	0.498	0.996	−0.003	0.434	3.4	32.8	33.0	83.9	89.9	7.2	144.3	144.5	87.1	1.00	0.91	0.00	%	R91Y #
088	77.8	0.491	0.502	0.978	−0.004	0.432	2.2	33.5	33.6	86.2	90.6	4.5	144.1	144.2	88.2	1.00	0.93	0.00	%	R93Y #
089	79.3	0.487	0.506	0.962	−0.004	0.431	0.9	34.1	34.1	88.3	91.3	1.9	143.8	143.8	89.2	1.00	0.94	0.00	%	R94Y #

CIEXYZ-Daten of CIE-Testfarben 9 (R): 20.6 11.2 4.3, 10 (Y): 54.8 59.0 12.0, 11 (G): 12.1 20.3 15.3, 12 (B): 6.2 6.4 27.6

***rgb**$_{e,ab}$*- und CIE-Daten eines Elementar-Buntton kreises nach CIE R1-47 für *Ostwald*-Farben für CIE-Lichtart D65**

***Yxy, abC$_{AB}$, ABC$_{AB}$, LabC*$_{ab}$h$_{ab}$*-Daten fü relative Stufung des Elementarbunttons h_{ab} von *CIELAB* für CIE-2-Grad Beobachter**

Elementar-Buntton kreis mit 4 Ziel-Elementar-Buntton winkeln: h_{ab} = 25.6, 92.4, 162.1, 271.5 von *CIELAB* und 90 Ziel-Buntonwinkeln:

090, 091, ..., 179, CIELAB-Daten CIE-Testfarben 9 (R): 40.0 58.9 28.3, 10 (Y): 81.3 −3.0 71.8, 11 (G): 52.2 −42.3 13.6, 12 (B): 30.5 1.2 −46.3

no.$_{ab}$	*Y*	*x*	*y*	*a*	*b*	*c$_{AB}$*	*A*	*B*	*C$_{AB}$*	*h$_{AB}$*	*L**	*a**	*b**	*C*$_{ab}$*	*h$_{ab}$*	*rgb*$_{e,ab}$*			*Code$_{ab}$*
090	80.7	0.483	0.509	0.948	−0.005	0.43	−0.1	34.7	34.7	90.3	92.0	−0.3	143.4	143.4	90.1	1.00	0.96	0.00	% R96Y #
091	81.9	0.479	0.512	0.935	−0.005	0.43	−1.2	35.2	35.2	92.0	92.5	−2.5	143.0	143.0	91.0	1.00	0.97	0.00	% R97Y #
092	83.5	0.474	0.516	0.919	−0.006	0.43	−2.6	35.8	35.9	94.1	93.2	−5.2	142.2	142.3	92.1	1.00	0.99	0.00	% R99Y #
093	84.8	0.47	0.519	0.906	−0.007	0.43	−3.7	36.3	36.5	95.8	93.8	−7.4	140.8	141.0	93.0	0.99	1.00	0.00	% Y00G #
094	86.0	0.466	0.522	0.893	−0.008	0.43	−4.8	36.7	37.0	97.5	94.3	−9.6	138.9	139.2	93.9	0.97	1.00	0.00	% Y02G #
095	87.3	0.462	0.524	0.881	−0.009	0.431	−6.0	37.1	37.6	99.2	94.8	−11.9	136.8	137.3	94.9	0.96	1.00	0.00	% Y03G #
096	88.6	0.457	0.526	0.868	−0.011	0.431	−7.2	37.5	38.2	100.9	95.4	−14.1	134.5	135.3	96.0	0.94	1.00	0.00	% Y05G #
097	89.8	0.453	0.528	0.857	−0.013	0.432	−8.3	37.9	38.8	102.4	95.9	−16.3	132.3	133.3	97.0	0.93	1.00	0.00	% Y06G #
098	91.1	0.448	53	0.845	−0.015	0.432	−9.5	38.2	39.4	104.0	96.4	−18.5	129.5	130.8	98.1	0.91	1.00	0.00	% Y08G #
099	92.0	0.444	53	0.836	−0.018	0.432	−10.4	38.3	39.7	105.2	96.8	−20.2	126.4	128.0	99.0	0.9	1.00	0.00	% Y09G #
100	93.8	0.445	0.526	0.846	−0.021	0.426	−9.8	38.8	40.0	104.1	97.5	−18.6	123.6	125.0	98.5	0.89	1.00	0.00	% Y10G #
101	93.8	0.435	0.529	0.822	−0.026	0.429	−12.0	38.4	40.2	107.3	97.5	−23.0	119.1	121.3	100.9	0.87	1.00	0.00	% Y12G #
102	93.4	0.432	0.532	0.813	−0.026	0.431	−12.8	38.2	40.2	108.5	97.3	−24.7	118.5	121.0	101.8	0.86	1.00	0.00	% Y13G #
103	92.9	0.429	0.534	0.804	−0.027	0.434	−13.6	37.9	40.3	109.7	97.2	−26.4	117.9	120.8	102.6	0.84	1.00	0.00	% Y15G #
104	92.5	0.426	0.536	0.794	−0.027	0.436	−14.4	37.7	40.4	110.8	97.0	−28.2	117.3	120.6	103.5	0.83	1.00	0.00	% Y16G #
105	92.0	0.423	0.539	0.785	−0.027	44	−15.2	37.5	40.5	112.0	96.8	−30.0	116.7	120.5	104.4	0.81	1.00	0.00	% Y18G #
106	91.5	0.419	0.541	0.775	−0.028	0.443	−16.0	37.2	40.6	113.2	96.6	−31.8	116.1	120.4	105.3	0.8	1.00	0.00	% Y19G #
107	91.0	0.416	0.544	0.765	−0.028	0.447	−16.8	37.0	40.7	114.4	96.4	−33.8	115.4	120.3	106.3	0.79	1.00	0.00	% Y20G #
108	90.5	0.412	0.547	0.754	−0.029	0.451	−17.7	36.8	40.8	115.7	96.2	−35.7	114.8	120.2	107.3	0.77	1.00	0.00	% Y22G #
109	90.0	0.409	0.549	0.744	−0.029	0.455	−18.5	36.5	40.9	116.9	96.0	−37.7	114.2	120.2	108.3	0.76	1.00	0.00	% Y23G #
110	89.5	0.405	0.552	0.733	−03	0.459	−19.4	36.2	41.1	118.1	95.8	−39.8	113.5	120.3	109.3	0.74	1.00	0.00	% Y25G #
111	88.9	0.401	0.555	0.722	−0.03	0.464	−20.2	36.0	41.3	119.3	95.5	−41.9	112.8	120.4	110.3	0.73	1.00	0.00	% Y26G #
112	88.4	0.397	0.558	0.712	−0.031	0.469	−21.0	35.7	41.5	120.5	95.3	−44.0	112.1	120.5	111.4	0.71	1.00	0.00	% Y28G #
113	87.8	0.393	0.561	0.701	−0.031	0.474	−21.9	35.4	41.6	121.6	95.1	−46.1	111.5	120.6	112.4	0.7	1.00	0.00	% Y29G #
114	87.2	0.389	0.564	0.69	−0.032	0.481	−22.7	35.2	41.8	122.8	94.8	−48.3	110.8	120.8	113.5	0.69	1.00	0.00	% Y30G #
115	86.7	0.385	0.567	0.679	−0.032	0.485	−23.5	34.9	42.1	123.9	94.6	−50.5	110.1	121.1	114.6	0.67	1.00	0.00	% Y32G #
116	86.1	0.381	57	0.668	−0.033	0.491	−24.3	34.6	42.3	125.0	94.3	−52.7	109.3	121.4	115.7	0.66	1.00	0.00	% Y33G #
117	85.5	0.377	0.573	0.657	−0.034	0.497	−25.0	34.3	42.5	126.1	94.1	−54.9	108.6	121.7	116.8	0.64	1.00	0.00	% Y35G #
118	84.9	0.372	0.577	0.646	−0.034	0.503	−25.8	34.0	42.7	127.1	93.8	−57.1	107.9	122.1	117.8	0.63	1.00	0.00	% Y36G #
119	84.3	0.368	58	0.635	−0.035	0.509	−26.5	33.7	42.9	128.2	93.6	−59.3	107.2	122.5	118.9	0.61	1.00	0.00	% Y38G #
120	83.8	0.364	0.583	0.624	−0.035	0.515	−27.3	33.4	43.2	129.2	93.3	−61.5	106.5	123.0	120.0	0.6	1.00	0.00	% Y39G #
121	83.2	0.359	0.586	0.613	−0.036	0.522	−28.0	33.2	43.4	130.1	93.1	−63.8	105.7	123.5	121.0	0.59	1.00	0.00	% Y40G #
122	82.6	0.355	0.589	0.603	−0.037	0.528	−28.7	32.9	43.6	131.0	92.8	−66.0	105.0	124.0	122.1	0.57	1.00	0.00	% Y42G #
123	82.0	0.351	0.592	0.592	−0.037	0.535	−29.3	32.6	43.9	131.9	92.5	−68.2	104.3	124.6	123.1	0.56	1.00	0.00	% Y43G #
124	81.4	0.346	0.595	0.582	−0.038	0.541	−30.0	32.3	44.1	132.8	92.3	−70.3	103.5	125.2	124.1	0.54	1.00	0.00	% Y45G #
125	80.8	0.342	0.598	0.572	−0.038	0.548	−30.7	32.0	44.3	133.6	92.0	−72.5	102.8	125.8	125.1	0.53	1.00	0.00	% Y46G #
126	80.3	0.338	0.601	0.561	−0.039	0.554	−31.2	31.7	44.5	134.4	91.8	−74.6	102.1	126.5	126.1	0.51	1.00	0.00	% Y48G #
127	79.7	0.333	0.604	0.552	−0.04	0.561	−31.7	31.5	44.7	135.2	91.5	−76.7	101.3	127.1	127.1	0.5	1.00	0.00	% Y49G #
128	79.2	0.329	0.607	0.542	−0.041	0.567	−32.3	31.2	44.9	135.9	91.3	−78.8	100.6	127.8	128.0	0.48	1.00	0.00	% Y51G #
129	78.6	0.325	61	0.532	−0.042	0.574	−32.8	30.9	45.1	136.7	91.0	−81.0	99.8	128.6	129.0	0.47	1.00	0.00	% Y52G #
130	77.7	0.318	0.614	0.519	−0.043	0.583	−33.5	30.4	45.3	137.7	90.6	−83.9	98.5	129.4	130.4	0.46	1.00	0.00	% Y53G #
131	76.9	312	0.617	0.506	−0.045	591	−34.1	30.0	45.4	138.6	90.2	−86.7	97.2	130.2	131.7	0.44	1.00	0.00	% Y55G #
132	76.1	0.307	62	0.494	−0.046	0.599	−34.6	29.6	45.6	139.5	89.9	−89.2	95.9	131.0	132.9	0.43	1.00	0.00	% Y56G #
133	75.3	0.301	0.623	0.483	−0.048	0.606	−35.1	29.2	45.7	140.2	89.5	−91.6	94.7	131.8	134.0	0.41	1.00	0.00	% Y58G #
134	74.6	0.296	0.625	0.473	−0.049	0.613	−35.5	28.8	45.7	141.0	89.2	−93.9	93.4	132.5	135.1	0.4	1.00	0.00	% Y59G #
135	73.9	0.291	0.627	0.464	−0.051	0.619	−35.9	28.4	45.8	141.6	88.9	−96.0	92.2	133.1	136.1	0.38	1.00	0.00	% Y61G #
136	73.2	0.286	0.629	0.455	−0.052	0.625	−36.2	28.0	45.8	142.2	88.5	−98.0	91.0	133.7	137.1	0.37	1.00	0.00	% Y62G #
137	72.6	0.282	0.631	0.447	−0.054	0.631	−36.5	27.6	45.8	142.8	88.2	−99.8	89.8	134.3	138.0	0.36	1.00	0.00	% Y63G #
138	72.0	0.278	0.632	0.439	−0.056	0.636	−36.8	27.3	45.8	143.4	87.9	−101.6	88.6	134.8	138.8	0.34	1.00	0.00	% Y65G #
139	71.4	0.274	0.633	0.432	−0.058	0.641	−37.0	26.9	45.8	143.9	87.7	−103.2	87.4	135.2	139.7	0.33	1.00	0.00	% Y66G #
140	70.9	27	0.634	0.425	−0.059	0.645	−37.2	26.6	45.7	144.3	87.4	−104.7	86.3	135.6	140.4	0.31	1.00	0.00	% Y68G #
141	70.3	0.266	0.635	0.419	−0.061	0.649	−37.3	26.3	45.7	144.8	87.1	−106.1	85.1	136.0	141.2	0.3	1.00	0.00	% Y69G #
142	69.8	262	0.635	0.413	−0.063	0.653	−37.5	25.9	45.6	145.3	86.9	−107.5	83.9	136.4	142.0	0.28	1.00	0.00	% Y71G #
143	69.0	0.256	0.636	0.403	−0.067	0.659	−37.7	25.4	45.5	146.0	86.5	−109.7	81.9	136.9	143.2	0.27	1.00	0.00	% Y72G #
144	68.3	0.251	0.636	0.395	−07	0.664	−37.9	24.9	45.3	146.6	86.1	−111.7	80.0	137.4	144.3	0.26	1.00	0.00	% Y73G #
145	67.6	0.246	0.635	0.387	−074	0.668	−38.0	24.4	45.2	147.3	85.8	−113.4	78.2	137.7	145.4	0.24	1.00	0.00	% Y75G #
146	66.9	0.241	0.634	0.38	−0.07	0.672	−38.1	23.9	45.0	147.8	85.5	−114.9	76.3	137.9	146.5	0.23	1.00	0.00	% Y76G #
147	66.4	0.237	0.632	0.375	−0.081	0.675	−38.2	23.5	44.8	148.4	85.2	−116.2	74.5	138.1	147.3	0.21	1.00	0.00	% Y78G #
148	65.9	0.233	0.631	0.37	−0.085	0.677	−38.2	23.0	44.6	148.9	84.9	−117.4	72.7	138.1	148.2	0.2	1.00	0.00	% Y79G #
149	65.4	0.229	0.628	0.365	−0.09	0.679	−38.2	22.6	44.4	149.4	84.7	−118.4	70.9	138.0	149.0	0.18	1.00	0.00	% Y81G #
150	65.4	0.229	0.628	0.365	−0.09	0.679	−38.2	22.6	44.4	149.4	84.7	−118.4	70.9	138.0	149.0	0.17	1.00	0.00	% Y82G #
151	65.4	0.229	0.628	0.365	−0.09	0.679	−38.2	22.6	44.4	149.4	84.7	−118.4	70.9	138.0	149.0	0.15	1.00	0.00	% Y84G #
152	65.4	0.229	0.628	0.365	−0.09	0.679	−38.2	22.6	44.4	149.4	84.7	−118.4	70.9	138.0	149.0	0.14	1.00	0.00	% Y85G #
153	65.4	0.229	0.628	0.365	−0.09	0.679	−38.2	22.6	44.4	149.4	84.7	−118.4	70.9	138.0	149.0	0.13	1.00	0.00	% Y86G #
154	65.4	0.229	0.628	0.365	−0.09	0.679	−38.2	22.6	44.4	149.4	84.7	−118.4	70.9	138.0	149.0	0.11	1.00	0.00	% Y88G #
155	65.4	0.229	0.628	0.365	−0.09	0.679	−38.2	22.6	44.4	149.4	84.7	−118.4	70.9	138.0	149.0	0.1	1.00	0.00	% Y89G #
156	62.5	0.203	0.593	0.343	−0.136	0.678	−37.9	18.7	42.3	153.7	83.2	−123.1	54.8	134.7	155.9	0.07	1.00	0.00	% Y91G #
157	62.4	0.201	584	0.344	−0.146	0.671	−37.6	18.0	41.9	154.4	83.0	−122.6	52.0	133.2	156.9	0.07	1.00	0.00	% Y94G #
158	62.2	0.199	575	0.345	−0.156	0.665	−37.6	17.3	41.4	155.2	83.0	−122.1	49.2	131.6	158.0	0.05	1.00	0.00	% Y94G #
159	62.1	0.196	0.565	0.347	−0.168	0.659	−37.4	16.6	41.0	156.0	83.0	−121.5	46.4	130.1	159.0	0.04	1.00	0.00	% Y95G #
160	62.0	0.194	0.556	349	−0.179	0.653	−37.2	15.8	40.5	156.9	82.9	−120.9	43.6	128.5	160.1	0.03	1.00	0.00	% Y96G #
161	61.9	0.192	0.546	0.351	−19	0.647	−37.1	15.1	40.0	157.7	82.8	−120.3	41.0	127.1	161.1	0.01	1.00	0.00	% Y98G #
162	61.8	19	0.538	0.353	−0.202	0.641	−36.9	14.4	39.6	158.6	82.8	−119.7	38.4	125.7	162.1	0.0	1.00	0.00	% Y99G #
163	61.7	0.188	0.529	0.354	−0.212	0.635	−36.7	13.7	39.2	159.4	82.7	−119.1	36.1	124.5	163.1	0.00	1.00	0.01	% G00B #
164	61.3	0.184	522	0.353	−0.223	0.633	−36.6	12.9	38.8	160.4	82.5	−119.4	33.8	124.1	164.1	0.00	1.00	0.03	% G01B #
165	60.2	18	0.521	0.346	−0.228	0.638	−36.3	12.4	38.4	161.0	81.9	−120.5	32.6	124.8	164.8	0.00	1.00	0.05	% G02B #
166	60.1	179	0.515	348	−0.236	0.633	−36.2	11.9	38.1	161.7	81.9	−119.9	31.0	123.8	165.4	0.00	1.00	0.07	% G03B #
167	60.0	0.171	0.508	0.351	−0.247	0.628	−35.9	11.3	37.7	162.4	81.8	−119.1	29.3	122.5	166.2	0.00	1.00	0.08	% G04B #
168	59.9	0.177	0.5	0.354	−0.257	0.622	−35.7	10.6	37.3	163.3	81.8	−118.1	27.1	121.2	167.0	0.00	1.00	0.1	% G05B #
169	59.8	176	0.492	357	−0.269	0.615	−35.4	9.9	36.8	164.3	81.7	−117.0	24.9	119.7	167.9	0.00	1.00	0.12	% G06B #
170	59.7	0.174	0.482	0.362	−0.283	0.607	−35.1	9.1	36.3	165.4	81.7	−115.8	22.5	117.9	169.0	0.00	1.00	0.14	% G07B #
171	59.6	0.173	0.473	367	−0.298	0.599	−34.8	8.1	35.7	166.7	81.6	−114.3	19.9	116.1	170.1	0.00	1.00	0.16	% G08B #
172	59.5	0.172	0.462	0.372	−0.314	0.59	−34.4	7.1	35.1	168.2	81.6	−112.8	17.2	114.1	171.3	0.00	1.00	0.18	% G09B #
173	59.5	171	0.452	378	−0.332	58	−34.0	6.1	34.5	169.8	81.5	−111.0	14.4	111.9	172.6	0.00	1.00	0.19	% G09B #
174	59.4	0.17	0.441	0.385	−0.352	0.57	−33.5	4.9	33.9	171.6	81.5	−109.0	11.4	109.6	173.9	0.00	1.00	0.21	% G10B #
175	59.3	0.169	0.434	39	−0.363	0.564	−33.2	4.2	33.5	172.6	81.5	−107.8	9.8	108.2	174.7	0.00	1.00	23	% G11B #
176	59.3	0.169	0.428	0.395	−0.374	0.558	−32.9	3.6	33.1	173.7	81.4	−106.4	8.2	106.8	175.5	0.00	1.00	0.25	% G12B #
177	59.3	0.169	0.422	4	−0.386	0.552	−32.6	2.9	32.7	174.8	81.4	−105.1	6.5	105.3	176.4	0.00	1.00	0.27	% G13B #
178	59.2	0.168	0.416	0.405	−0.398	0.546	−32.2	2.2	32.3	176.0	81.4	−103.7	4.9	103.8	177.2	0.00	1.00	0.28	% G14B #
179	59.2	0.168	41	0.411	−41	0.54	−31.9	1.4	31.9	177.3	81.4	−102.3	3.2	102.4	178.1	0.00	1.00	0.3	% G15B #

CIEXYZ-Daten of CIE-Testfarben 9 (R): 20.6 11.2 4.3, 10 (Y): 54.8 59.0 12.0, 11 (G): 12.1 20.3 15.3, 12 (B): 6.2 6.4 27.6

***rgb**$_{e,ab}$*- und CIE-Daten eines Elementar-Bunttonkreises nach CIE R1-47 für *Ostwald*-Farben für CIE-Lichtart D65**

***Yxy, abc*$_{AB}$, *ABC*$_{AB}$, *LabC**$_{ab}$*h*$_{ab}$-Daten fü 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-Buntonwinkeln:

180, 181, ..., 269, 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*	*y*	*a*	*b*	*c*$_{AB}$	*A*	*B*	*C*$_{AB}$	*h*$_{AB}$	*L**	*a**	*b**	*C**$_{ab}$	*h*$_{ab}$	*rgb**$_{e,ab}$	*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	58.9	0.166	0.358	0.463	−0.531	0.496	−28.7	−5.6	29.2	191.1	81.2	−89.2	−11.5	89.9	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	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	−80.0	−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	195.6	0.00 1.00 0.6	% G30B #
196	58.6	0.164	0.319	0.513	−0.646	0.485	−25.5	−12.3	28.4	205.8	81.0	−77.5	−23.5	81.0	196.8	0.00 1.00 0.61	% G30B #
197	58.5	0.163	0.315	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	55	−0.725	0.494	−23.3	−16.8	28.7	215.8	80.8	−69.5	−30.9	76.1	203.9	0.00 1.00 0.74	% G37B #
204	58.2	0.163	0.295	0.554	−0.732	0.495	−23.1	−17.2	28.8	216.8	80.8	−68.7	−31.6	75.6	204.6	0.00 1.00 0.76	% G38B #
205	58.2	0.163	0.293	0.557	−0.738	0.496	−22.8	−17.4	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	−33.6	74.6	206.7	0.00 1.00 0.82	% G41B #
208	56.2	0.16	0.286	0.561	−0.773	0.515	−21.8	−19.0	28.9	221.0	79.7	−66.3	−34.8	74.9	207.7	0.00 1.00 0.83	% G41B #
209	54.9	0.158	0.282	0.56	−0.792	0.528	−21.4	−19.6	29.0	222.5	78.9	−66.0	−36.2	75.3	208.7	0.00 1.00 0.85	% G42B #
210	53.5	0.155	0.278	0.559	−0.813	0.543	−20.9	−20.2	29.0	224.0	78.1	−65.6	−37.6	75.6	209.7	0.00 1.00 0.87	% G43B #
211	52.0	0.153	0.274	0.558	−0.835	0.56	−20.4	−20.8	29.1	225.6	77.3	−65.2	−39.0	76.0	210.8	0.00 1.00 0.89	% G44B #
212	50.7	0.15	0.269	0.557	−0.858	577	−19.9	−21.4	29.2	227.1	76.5	−64.8	−40.4	76.4	211.9	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	609	−18.9	−22.5	29.4	229.9	74.9	−63.7	−43.0	76.9	214.0	0.00 1.00 0.94	% G47B #
215	47.2	0.144	0.258	0.559	−0.921	0.621	−18.4	−22.9	29.4	231.2	74.3	−63.0	−44.2	77.1	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	65	−17.5	−23.7	29.5	233.5	73.1	−61.3	−46.2	76.7	216.9	0.00 0.99 1.00	% G50B #
218	44.5	0.141	0.249	0.566	−0.976	0.662	−17.0	−24.0	29.5	234.6	72.6	−60.4	−47.1	76.6	217.9	0.00 0.97 1.00	% G51B #
219	43.7	14	0.246	0.569	−0.993	675	−16.6	−24.4	29.5	235.6	72.0	−59.5	−48.0	76.5	218.8	0.00 0.96 1.00	% G51B #
220	42.9	0.139	0.243	0.572	−1.012	0.689	−16.2	−24.7	29.6	236.7	71.5	−58.6	−48.9	76.4	219.8	0.00 0.94 1.00	% G52B #
221	42.1	0.138	24	0.575	−1.031	0.703	−15.8	−25.1	29.6	237.8	71.0	−57.7	−49.9	76.3	220.8	0.00 0.92 1.00	% 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 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 0.88 1.00	% G55B #
224	39.8	0.135	0.231	0.586	−1.091	75	−14.4	−26.1	29.8	240.9	69.3	−54.6	−52.7	75.9	223.9	0.00 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	68.9	−53.9	−53.3	75.8	224.6	0.00 0.85 1.00	% G57B #
226	38.7	0.134	0.227	0.591	−1.12	0.773	−13.9	−26.5	29.9	242.3	68.6	−53.2	−54.0	75.8	225.4	0.00 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	−54.7	75.7	226.2	0.00 0.81 1.00	% G59B #
228	37.6	0.133	0.222	0.599	−1.154	8	−13.2	−27.0	30.1	243.9	67.7	−51.4	−55.4	75.6	227.1	0.00 0.79 1.00	% G60B #
229	37.0	0.133	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 0.77 1.00	% G61B #
230	36.3	0.132	0.217	0.609	−1.197	0.834	−12.3	−27.6	30.2	245.8	66.7	−49.0	−57.1	75.3	229.3	0.00 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 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 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 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 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 0.66 1.00	% G66B #
236	33.2	0.13	0.203	0.639	−1.308	0.926	−10.2	−28.9	30.7	250.4	64.3	−42.6	−61.3	74.7	235.1	0.00 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 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 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 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 0.57 1.00	% G71B #
241	30.9	0.129	0.193	0.668	−1.403	1.008	−8.7	−29.9	31.1	253.7	62.4	−37.4	−64.5	74.5	239.9	0.00 0.55 1.00	% G72B #
242	30.4	0.128	0.19	0.675	−1.425	1.027	−8.3	−30.1	31.2	254.4	62.0	−36.2	−65.2	74.6	240.9	0.00 0.54 1.00	% G72B #
243	29.9	0.128	0.188	0.681	−1.447	1.046	−8.0	−30.3	31.3	255.1	61.6	−35.0	−65.8	74.6	241.9	0.00 0.52 1.00	% G73B #
244	29.5	0.128	0.186	0.688	−1.47	1.067	−7.7	−30.5	31.4	255.8	61.2	−33.8	−66.5	74.7	243.0	0.00 0.5 1.00	% G74B #
245	29.0	0.128	0.184	0.696	−1.493	1.088	−7.3	−30.7	31.6	256.4	60.8	−32.6	−67.2	74.7	244.1	0.00 0.48 1.00	% G75B #
246	28.5	0.127	0.181	0.703	−1.518	1.11	−7.0	−30.9	31.7	257.1	60.4	−31.4	−67.9	74.8	245.2	0.00 0.46 1.00	% G76B #
247	28.1	0.127	0.179	0.711	−1.543	1.133	−6.7	−31.1	31.8	257.8	59.9	−30.1	−68.6	74.9	246.3	0.00 0.44 1.00	% G77B #
248	27.6	0.127	0.177	0.719	−1.569	1.156	−6.3	−31.3	31.9	258.4	59.5	−28.8	−69.4	75.1	247.4	0.00 0.43 1.00	% G78B #
249	27.1	0.127	0.174	0.728	−1.596	1.181	−6.0	−31.5	32.0	259.1	59.1	−27.5	−70.1	75.3	248.5	0.00 0.41 1.00	% G79B #
250	26.6	0.127	0.172	0.737	−1.623	1.207	−5.6	−31.7	32.2	259.8	58.6	−26.1	−70.8	75.5	249.7	0.00 0.39 1.00	% G80B #
251	26.2	0.126	0.17	0.746	−1.651	1.233	−5.3	−31.9	32.3	260.4	58.2	−24.8	−71.6	75.8	250.9	0.00 0.37 1.00	% G81B #
252	25.7	0.126	0.167	0.755	−1.679	1.259	−5.0	−32.0	32.4	261.0	57.8	−23.4	−72.3	76.0	252.0	0.00 0.35 1.00	% G82B #
253	25.3	0.126	0.165	0.764	−1.706	1.284	−4.7	−32.2	32.6	261.6	57.4	−22.1	−72.9	76.2	253.1	0.00 0.33 1.00	% G83B #
254	24.9	0.126	0.163	0.774	−1.733	1.31	−4.3	−32.4	32.7	262.2	57.0	−20.7	−73.6	76.5	254.2	0.00 0.32 1.00	% G83B #
255	24.5	0.126	0.161	0.784	−1.761	1.336	−4.0	−32.5	32.8	262.8	56.6	−19.3	−74.3	76.8	255.3	0.00 0.3 1.00	% G84B #
256	24.1	0.126	0.159	0.794	−1.79	1.363	−3.7	−32.7	32.9	263.4	56.2	−18.0	−74.9	77.1	256.4	0.00 0.28 1.00	% G85B #
257	23.7	0.126	0.157	0.805	−1.819	1.391	−3.4	−32.9	33.0	264.0	55.8	−16.6	−75.6	77.4	257.5	0.00 0.26 1.00	% G86B #
258	23.4	0.126	0.155	0.816	−1.849	1.419	−3.1	−33.0	33.2	264.5	55.4	−15.2	−76.3	77.8	258.6	0.00 0.24 1.00	% G87B #
259	23.0	0.126	0.153	0.827	−1.879	1.448	−2.8	−33.2	33.3	265.1	55.0	−13.8	−76.9	78.2	259.7	0.00 0.22 1.00	% G88B #
260	22.6	0.126	0.151	0.838	−1.909	1.478	−2.5	−33.3	33.4	265.6	54.7	−12.4	−77.6	78.6	260.8	0.00 0.21 1.00	% G89B #
261	22.2	0.126	0.149	0.849	−1.941	1.508	−2.2	−33.5	33.6	266.1	54.3	−11.0	−78.2	79.0	261.9	0.00 0.19 1.00	% G90B #
262	21.9	0.126	0.147	0.861	−1.972	1.539	−1.9	−33.6	33.7	266.6	53.9	−9.6	−78.9	79.5	262.9	0.00 0.17 1.00	% G91B #
263	21.5	0.126	0.145	0.873	−2.004	1.571	−1.6	−33.8	33.8	267.1	53.5	−8.3	−79.5	79.9	264.0	0.00 0.15 1.00	% G92B #
264	21.2	0.126	0.143	0.885	−2.037	1.603	−1.3	−33.9	33.9	267.6	53.1	−6.9	−80.1	80.4	265.0	0.00 0.13 1.00	% G93B #
265	20.8	0.126	0.141	0.897	−2.07	1.635	−1.0	−34.1	34.1	268.1	52.8	−5.5	−80.8	81.0	266.0	0.00 0.11 1.00	% G94B #
266	20.5	0.126	0.139	91	−2.103	1.668	−0.8	−34.2	34.2	268.6	52.4	−4.1	−81.4	81.5	267.0	0.00 0.1 1.00	% G94B #
267	20.2	0.127	0.137	0.923	−2.137	1.701	−0.5	−34.3	34.3	269.0	52.0	−2.8	−82.0	82.1	268.0	0.00 0.08 1.00	% G95B #
268	19.8	0.127	0.135	0.935	−2.17	1.735	−0.2	−34.5	34.5	269.5	51.7	−1.4	−82.6	82.6	268.9	0.00 0.06 1.00	% G96B #
269	19.5	0.127	0.134	0.948	−2.204	1.769	0.0	−34.6	34.6	269.9	51.3	−0.1	−83.2	83.2	269.8	0.00 0.04 1.00	% G97B #

CIEXYZ-Daten of CIE-Testfarben 9 (R): 20.6 11.2 4.3, 10 (Y): 54.8 59.0 12.0, 11 (G): 12.1 20.3 15.3, 12 (B): 6.2 6.4 27.6

$rgb^*_{e,ab}$- und CIE-Daten eines Elementar-Bunttonkreises nach CIE R1-47 für *Ostwald*-Farben für CIE-Lichtart D65

Yxy, abc_{AB}, ABC_{AB}, $LabC^*_{ab}h_{ab}$-Daten fü 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-Buntonwinkeln:

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	y	a	b	c_{AB}	A	B	C_{AB}	h_{AB}	L^*	a^*	b^*	C^*_{ab}	h_{ab}	$rgb^*_{e,ab}$			$Code_{ab}$
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	% 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	% 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	0.00	1.00	% B00R #
273	18.4	0.127	0.127	1.0	−2.341	1.906	0.9	−35.0	35.1	271.5	49.9	4.9	−85.5	85.6	273.3	0.02	0.00	1.00	% B01R #
274	18.1	0.127	0.125	1.014	−2.375	1.94	1.1	−35.1	35.2	271.8	49.6	6.1	−86.0	86.2	274.1	0.04	0.00	1.00	% B02R #
275	17.8	0.127	0.123	1.03	−2.419	1.985	1.4	−35.3	35.3	272.3	49.2	7.7	−86.7	87.1	275.0	0.06	0.00	1.00	% B03R #
276	17.4	0.127	0.121	1.05	−2.471	2.038	1.7	−35.4	35.5	272.8	48.7	9.5	−87.5	88.0	276.1	0.07	0.00	1.00	% B03R #
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	0.00	1.00	% B04R #
278	16.7	0.127	0.117	1.089	−2.57	2.139	2.3	−35.7	35.8	273.7	47.9	12.8	−88.9	89.8	278.2	0.11	0.00	1.00	% B05R #
279	16.4	0.128	0.115	1.108	−2.618	2.188	2.6	−35.8	35.9	274.1	47.5	14.4	−89.6	90.7	279.1	0.13	0.00	1.00	% B06R #
280	16.1	0.128	0.113	1.128	−2.667	2.238	2.8	−35.9	36.1	274.5	47.1	16.0	−90.3	91.7	280.0	0.14	0.00	1.00	% B07R #
281	15.8	0.128	0.111	1.149	−2.717	2.29	3.1	−36.1	36.2	274.9	46.7	17.6	−90.9	92.6	280.9	0.16	0.00	1.00	% B08R #
282	15.5	0.128	0.109	1.171	−2.769	2.344	3.4	−36.2	36.3	275.4	46.3	19.3	−91.6	93.6	281.9	0.18	0.00	1.00	% B09R #
283	15.1	0.129	0.107	1.195	−2.826	2.403	3.7	−36.3	36.5	275.8	45.8	21.2	−92.3	94.7	282.9	0.2	0.00	1.00	% B10R #
284	14.8	0.129	0.105	1.222	−2.888	2.468	4.0	−36.4	36.6	276.3	45.4	23.1	−93.0	95.9	283.9	0.21	0.00	1.00	% B10R #
285	14.4	0.129	0.103	1.252	−2.96	2.542	4.3	−36.5	36.8	276.8	44.9	25.3	−93.9	97.2	285.0	0.23	0.00	1.00	% B11R #
286	14.0	0.13	0.101	1.286	−3.038	2.624	4.7	−36.7	37.0	277.3	44.3	27.6	−94.8	98.7	286.2	0.25	0.00	1.00	% B12R #
287	13.7	0.13	0.098	1.322	−3.121	2.712	5.0	−36.8	37.1	277.8	43.8	29.9	−95.7	100.2	287.3	0.27	0.00	1.00	% B13R #
288	13.3	0.13	0.096	1.36	−3.21	2.804	5.4	−36.9	37.3	278.3	43.2	32.4	−96.6	101.9	288.5	0.28	0.00	1.00	% B14R #
289	12.9	0.131	0.093	1.4	−3.303	2.902	5.8	−37.0	37.5	278.9	42.6	34.8	−97.5	103.6	289.6	0.3	0.00	1.00	% B15R #
290	12.5	0.131	0.091	1.442	−3.401	3.005	6.1	−37.2	37.7	279.4	42.0	37.3	−98.5	105.3	290.7	0.32	0.00	1.00	% B16R #
291	12.1	0.132	0.088	1.486	−3.503	3.114	6.5	−37.3	37.8	279.9	41.4	39.8	−99.4	107.1	291.8	0.34	0.00	1.00	% B17R #
292	11.7	0.132	0.086	1.532	−3.609	3.226	6.8	−37.4	38.0	280.3	40.8	42.3	−100.4	108.9	292.8	0.35	0.00	1.00	% B17R #
293	11.4	0.133	0.084	1.58	−3.719	3.344	7.2	−37.5	38.2	280.8	40.3	44.8	−101.3	110.8	293.8	0.37	0.00	1.00	% B18R #
294	11.0	0.133	0.081	1.629	−3.833	3.465	7.5	−37.6	38.3	281.3	39.7	47.2	−102.2	112.6	294.8	0.39	0.00	1.00	% B19R #
295	10.7	0.133	0.079	1.68	−3.95	3.589	7.8	−37.7	38.5	281.7	39.1	49.7	−103.1	114.5	295.7	0.41	0.00	1.00	% B20R #
296	10.4	0.134	0.077	1.732	−4.069	3.716	8.1	−37.8	38.7	282.1	38.5	52.1	−104.0	116.4	296.6	0.42	0.00	1.00	% B21R #
297	10.1	0.134	0.075	1.785	−4.19	3.846	8.4	−37.9	38.8	282.5	38.0	54.4	−104.9	118.2	297.4	0.44	0.00	1.00	% B22R #
298	9.8	0.135	0.073	1.839	−4.312	3.977	8.7	−38.0	39.0	282.9	37.4	56.7	−105.8	120.0	298.2	0.46	0.00	1.00	% B23R #
299	9.4	0.135	0.071	1.906	−4.465	4.141	9.0	−38.1	39.1	283.3	36.8	59.4	−106.8	122.2	299.1	0.48	0.00	1.00	% B24R #
300	8.9	0.136	0.067	2.013	−4.707	4.401	9.5	−38.2	39.3	283.9	35.8	63.6	−108.3	125.6	300.4	0.49	0.00	1.00	% B24R #
301	8.5	0.136	0.064	2.111	−4.925	4.637	9.9	−38.3	39.5	284.5	35.0	67.1	−109.5	128.4	301.4	0.51	0.00	1.00	% B25R #
302	8.1	0.137	0.062	2.202	−5.123	4.852	10.2	−38.3	39.6	284.9	34.3	70.1	−110.6	131.0	302.3	0.53	0.00	1.00	% B26R #
303	7.8	0.138	0.06	2.287	−5.31	5.055	10.5	−38.3	39.8	285.3	33.7	72.9	−111.5	133.2	303.1	0.55	0.00	1.00	% B27R #
304	7.2	0.136	0.056	2.409	−5.715	5.477	10.6	−38.5	39.9	285.4	32.4	75.9	−113.5	136.5	303.7	0.56	0.00	1.00	% 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	0.00	1.00	% B29R #
306	6.0	0.131	0.047	2.758	−6.887	6.7	10.8	−38.7	40.2	285.6	29.4	83.4	−118.2	144.7	305.2	0.6	0.00	1.00	% B30R #
307	6.0	0.138	0.048	2.878	−6.779	6.629	11.7	−38.5	40.2	286.9	29.5	87.7	−117.6	146.7	306.7	0.62	0.00	1.00	% B31R #
308	6.4	0.146	0.05	2.886	−6.338	6.212	12.5	−38.2	40.2	288.1	30.5	90.0	−115.7	146.6	307.8	0.63	0.00	1.00	% B31R #
309	6.8	0.153	0.053	2.872	−5.951	5.841	13.2	−38.0	40.2	289.2	31.5	91.3	−114.0	146.1	308.7	0.65	0.00	1.00	% B32R #
310	7.3	0.16	0.056	2.855	−5.572	5.479	14.0	−37.7	40.3	290.3	32.6	92.7	−112.2	145.6	309.5	0.67	0.00	1.00	% B33R #
311	7.8	0.168	0.059	2.836	−5.207	5.13	14.8	−37.5	40.3	291.5	33.7	94.1	−110.2	145.0	310.5	0.69	0.00	1.00	% B34R #
312	8.4	0.176	0.062	2.815	−4.857	4.799	15.7	−37.2	40.4	292.8	34.8	95.6	−108.2	144.3	311.4	0.7	0.00	1.00	% B35R #
313	9.0	0.184	0.066	2.794	−4.527	4.487	16.6	−36.9	40.5	294.2	36.0	97.0	−106.0	143.7	312.4	0.72	0.00	1.00	% B36R #
314	9.6	0.193	0.069	2.771	−4.215	4.196	17.6	−36.6	40.6	295.7	37.2	98.4	−103.8	143.1	313.4	0.74	0.00	1.00	% B37R #
315	10.3	0.202	0.073	2.748	−3.925	3.925	18.6	−36.2	40.7	297.2	38.5	99.8	−101.6	142.4	314.4	0.76	0.00	1.00	% B38R #
316	11.1	0.211	0.077	2.724	−3.654	3.675	19.7	−35.8	40.9	298.8	39.8	101.1	−99.3	141.8	315.5	0.77	0.00	1.00	% B38R #
317	11.9	0.221	0.081	2.7	−3.405	3.446	20.9	−35.4	41.2	300.5	41.1	102.5	−97.0	141.1	316.5	0.79	0.00	1.00	% 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	0.00	1.00	% B40R #
319	13.7	0.239	0.09	2.652	−2.963	3.047	23.3	−34.6	41.7	303.9	43.8	105.1	−92.2	139.9	318.7	0.83	0.00	1.00	% B41R #
320	14.6	0.249	0.094	2.628	−2.769	2.874	24.5	−34.1	42.1	305.7	45.1	106.4	−89.8	139.3	319.8	0.84	0.00	1.00	% B42R #
321	15.6	0.258	0.099	2.605	−2.592	2.718	25.8	−33.7	42.4	307.5	46.4	107.6	−87.5	138.7	320.8	0.86	0.00	1.00	% B43R #
322	16.6	0.267	0.103	2.582	−2.431	2.578	27.1	−33.2	42.9	309.2	47.8	108.7	−85.1	138.1	321.9	0.88	0.00	1.00	% B44R #
323	17.6	0.276	0.107	2.56	−2.284	2.451	28.4	−32.7	43.3	311.0	49.1	109.8	−82.8	137.5	322.9	0.9	0.00	1.00	% B45R #
324	18.7	0.284	0.112	2.538	−2.151	2.337	29.8	−32.2	43.8	312.7	50.4	110.9	−80.4	137.0	324.0	0.91	0.00	1.00	% B45R #
325	19.8	0.292	0.116	2.516	−2.03	2.235	31.1	−31.6	44.4	314.4	51.6	111.8	−78.2	136.5	325.0	0.93	0.00	1.00	% B46R #
326	20.9	0.3	0.12	2.496	−1.921	2.143	32.4	−31.1	44.9	316.1	52.9	112.7	−76.0	136.0	326.0	0.95	0.00	1.00	% B47R #
327	23.0	0.313	0.128	2.442	−1.739	1.981	34.4	−30.0	45.7	318.8	55.1	113.3	−71.9	134.2	327.6	0.97	0.00	1.00	% B48R #
328	25.2	0.324	0.136	2.379	−1.582	1.832	36.0	−28.9	46.2	321.2	57.2	113.0	−67.9	131.9	329.0	0.98	0.00	1.00	% B49R #
329	27.0	0.331	0.142	2.32	−1.469	1.716	37.0	−27.9	46.3	322.9	58.9	112.0	−64.6	129.3	330.0	1.00	0.00	0.99	% B50R #
330	28.5	0.336	0.148	2.265	−1.384	1.621	37.4	−27.0	46.2	324.1	60.3	110.4	−61.9	126.6	330.7	1.00	0.00	0.97	% B51R #
331	29.7	0.339	0.153	2.213	−1.32	1.542	37.5	−26.2	45.8	324.9	61.3	108.6	−59.6	123.9	331.2	1.00	0.00	0.95	% B52R #
332	31.4	0.345	0.16	2.154	−1.232	1.443	37.9	−25.0	45.4	326.5	62.9	106.7	−56.3	120.6	332.1	1.00	0.00	0.94	% B52R #
333	33.2	0.351	0.167	2.101	−1.151	1.355	38.2	−23.7	45.0	328.1	64.3	104.8	−53.0	117.4	333.1	1.00	0.00	0.92	% B53R #
334	34.5	0.355	0.172	2.058	−1.09	1.287	38.2	−22.6	44.4	329.4	65.4	103.1	−50.2	114.6	334.0	1.00	0.00	0.9	% B54R #
335	35.8	0.36	0.178	2.02	−1.035	1.227	38.3	−21.5	43.9	330.7	66.3	101.5	−47.5	112.1	334.9	1.00	0.00	0.88	% B55R #
336	36.8	0.364	0.183	1.989	−0.984	1.175	38.2	−20.2	43.3	332.1	67.1	100.0	−44.7	109.6	335.8	1.00	0.00	0.87	% B56R #
337	37.4	0.37	0.188	1.967	−0.938	1.134	38.0	−18.8	42.4	333.6	67.5	98.8	−42.0	107.4	336.9	1.00	0.00	0.85	% B57R #
338	37.6	0.375	0.192	1.953	−0.901	1.105	37.7	−17.5	41.6	335.0	67.7	97.9	−39.6	105.6	337.9	1.00	0.00	0.83	% B58R #
339	37.8	0.38	0.195	1.939	−0.865	1.078	37.4	−16.2	40.8	336.5	67.9	97.0	−37.2	103.9	339.0	1.00	0.00	0.81	% B59R #
340	38.0	0.384	0.199	1.926	−0.831	1.053	37.1	−15.0	40.0	337.9	68.0	96.2	−34.8	102.3	340.0	1.00	0.00	0.8	% B59R #
341	38.2	0.389	0.203	1.914	−0.801	1.031	36.8	−13.9	39.4	339.2	68.1	95.4	−32.7	100.8	341.0	1.00	0.00	0.78	% B60R #
342	38.8	0.392	0.207	1.893	−0.773	1.001	36.6	−13.1	38.9	340.2	68.6	94.2	−30.7	99.1	341.9	1.00	0.00	0.76	% B61R #
343	39.7	0.393	0.211	1.864	−0.747	0.966	36.3	−12.4	38.4	341.1	69.3	92.6	−29.0	97.0	342.5	1.00	0.00	0.74	% B62R #
344	39.8	0.395	0.212	1.857	−0.735	0.955	36.1	−11.9	38.0	341.6	69.3	92.1	−28.1	96.2	343.0	1.00	0.00	0.73	% B63R #
345	39.9	0.397	0.214	1.849	−0.72	0.943	35.9	−11.4	37.7	342.3	69.4	91.5	−26.9	95.4	343.5	1.00	0.00	0.71	% B64R #
346	40.0	0.4	0.217	1.841	−0.703	0.93	35.7	−10.7	37.2	343.2	69.5	90.9	−25.5	94.4	344.2	1.00	0.00	0.69	% B65R #
347	40.1	0.403	0.22	1.831	−0.683	0.915	35.4	−9.9	36.7	344.2	69.6	90.1	−23.9	93.3	345.1	1.00	0.00	0.67	% B66R #
348	40.2	0.407	0.223	1.821	−0.661	0.899	35.0	−9.0	36.2	345.4	69.6	89.4	−22.0	92.0	346.1	1.00	0.00	0.65	% B67R #
349	40.3	0.411	0.227	1.81	−0.635	0.882	34.7	−8.0	35.6	346.8	69.7	88.5	−19.8	90.7	347.3	1.00	0.00	0.64	% B67R #
350	40.4	0.416	0.231	1.798	−0.607	0.865	34.3	−6.9	35.0	348.5	69.7	87.5	−17.3	89.2	348.7	1.00	0.00	0.62	% B68R #
351	40.5	0.422	0.236	1.785	−0.577	0.846	33.8	−5.7	34.3	350.3	69.8	86.5	−14.5	87.7	350.4	1.00	0.00	0.6	% B69R #
352	40.5	0.426	0.24	1.775	−0.553	0.833	33.4	−4.7	33.8	351.8	69.8	85.7	−12.2	86.5	351.8	1.00	0.00	0.58	% B70R #
353	40.6	0.428	0.242	1.77	−0.543	0.826	33.3	−4.3	33.5	352.5	69.9	85.3	−11.3	86.0	352.4	1.00	0.00	0.57	% B71R #
354	40.6	0.43	0.243	1.765	−0.533	0.82	33.1	−3.9	33.3	353.1	69.9	84.9	−10.3	85.5	353.0	1.00	0.00	0.55	% B72R #
355	40.6	0.432	0.245	1.76	−0.523	0.814	32.9	−3.5	33.1	353.8	69.9	84.5	−9.3	85.0	353.7	1.00	0.00	0.53	% B73R #
356	40.6	0.434	0.247	1.755	−0.512	0.808	32.7	−3.1	32.9	354.5	69.9	84.0	−8.2	84.4	354.3	1.00	0.00	0.51	% B74R #
357	40.6	0.436	0.249	1.75	−0.502	0.803	32.5	−2.7	32.6	355.2	69.9	83.6	−7.2	83.9	355.0	1.00	0.00	0.5	% B74R #
358	40.7	0.439	0.251	1.745	−0.491	0.797	32.3	−2.2	32.4	355.9	69.9	83.2	−6.1	83.4	355.7	1.00	0.00	0.48	% B75R #
359	40.7	0.441	0.253	1.74	−0.481	0.791	32.1	−1.8	32.2	356.6	69.9	82.8	−5.0	82.9	356.5	1.00	0.00	0.46	% B76R #
360	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	0.44	% B77R #

CIEXYZ-Daten of CIE-Testfarben 9 (R): 20.6 11.2 4.3, 10 (Y): 54.8 59.0 12.0, 11 (G): 12.1 20.3 15.3, 12 (B): 6.2 6.4 27.6

***Ostwald*-Optimalfarben (o) von maximalem (m) C_{AB} für D65, $Y_{w,10}$=100, Y_m=520_770, 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	0.2152	−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	0.2152	−0.0857	0.0						%

***rgb**$_{e,ab}$*- und CIE-Daten eines Elementar-Buntton kreises nach CIE R1-47 für *Ostwald*-Farben für CIE-Lichtart D65**

***Yxy, abc*$_{AB}$, *ABC*$_{AB}$, *LabC*$_{ab}$h$_{ab}$*-Daten fü relative Stufung des Elementarbunttons *h*$_{ab}$ von *CIELAB* für CIE-10-Grad Beobachter**

Elementar-Buntton kreis mit 4 Ziel-Elementar-Buntton winkeln: *h*$_{ab}$ = 25.9, 87.3, 158.8, 252.1 von *CIELAB* und 90 Ziel-Buntton winkeln:

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.	Y_{10}	x_{10}	y_{10}	a_{10}	b_{10}	$c_{AB,10}$	A_{10}	B_{10}	$C_{AB,10}$	$h_{AB,10}$	L^*_{10}	a^*_{10}	b^*_{10}	$C^*_{ab,10}$	$h_{ab,10}$	$rgb^*_{e,ab,10}$			$Code_{ab,10}$
000	40.0	0.447	0.257	1.737	−0.458	0.789	31.5	−1.1	31.6	357.8	69.4	82.4	−3.2	82.4	357.7	1.00	0.00	0.48	% B75R #
001	40.0	0.45	0.259	1.734	−0.445	0.786	31.4	−0.6	31.4	358.8	69.4	82.2	−1.8	82.2	358.7	1.00	0.00	0.46	% B76R #
002	40.0	0.454	0.262	1.731	−0.432	0.783	31.3	−0.1	31.3	359.7	69.5	81.9	−0.3	81.9	359.7	1.00	0.00	0.44	% B77R #
003	40.0	0.457	0.264	1.728	−0.419	0.78	31.2	0.3	31.2	0.7	69.5	81.7	1.1	81.7	0.7	1.00	0.00	0.42	% B78R #
004	40.0	0.461	0.267	1.725	−0.406	0.778	31.1	0.9	31.1	1.6	69.5	81.4	2.6	81.4	1.8	1.00	0.00	0.4	% B79R #
005	40.0	0.464	0.269	1.722	−0.393	0.775	31.0	1.4	31.0	2.6	69.5	81.1	4.2	81.3	2.9	1.00	0.00	0.38	% B80R #
006	40.0	0.468	0.272	1.719	−0.38	0.773	30.9	1.9	30.9	3.6	69.5	80.9	5.7	81.1	4.0	1.00	0.00	0.36	% B81R #
007	40.0	0.472	0.275	1.716	−0.367	0.77	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	0.475	0.277	1.713	−0.354	0.768	30.6	2.9	30.8	5.5	69.5	80.3	9.0	80.8	6.4	1.00	0.00	0.33	% B83R #
009	40.1	0.479	0.28	1.709	−0.342	0.766	30.5	3.5	30.7	6.5	69.5	80.0	10.7	80.7	7.6	1.00	0.00	0.31	% B84R #
010	40.1	0.483	0.283	1.706	−0.329	0.764	30.4	4.0	30.6	7.5	69.5	79.7	12.4	80.7	8.8	1.00	0.00	0.29	% B85R #
011	40.1	0.487	0.286	1.702	−0.316	0.762	30.2	4.5	30.6	8.4	69.5	79.4	14.2	80.7	10.1	1.00	0.00	0.27	% B86R #
012	40.1	0.491	0.289	1.699	−0.304	0.761	30.1	5.0	30.5	9.4	69.5	79.1	15.9	80.7	11.4	1.00	0.00	0.25	% B87R #
013	40.1	0.494	0.291	1.695	−0.292	0.759	30.0	5.5	30.5	10.4	69.5	78.8	17.7	80.8	12.7	1.00	0.00	0.23	% B88R #
014	40.1	0.498	0.294	1.691	−0.279	0.758	29.8	6.0	30.4	11.3	69.6	78.5	19.6	80.9	14.0	1.00	0.00	0.22	% B88R #
015	40.2	0.502	0.297	1.687	−0.268	0.757	29.7	6.4	30.4	12.2	69.6	78.2	21.4	81.1	15.3	1.00	0.00	0.2	% B89R #
016	40.2	0.506	0.3	1.683	−0.256	0.755	29.5	6.9	30.4	13.2	69.6	77.8	23.3	81.3	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	26.0	1.00	0.00	0.05	% B97R #
024	40.4	0.536	0.324	1.651	−0.171	0.748	28.4	10.4	30.2	20.1	69.7	75.0	38.9	84.5	27.4	1.00	0.00	0.03	% 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	85.1	28.7	1.00	0.00	0.01	% B99R #
026	40.4	0.542	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	0.0	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	−0.104	0.742	27.1	13.1	30.1	25.9	69.9	72.0	55.5	90.9	37.6	1.00	0.09	0.00	% R09Y #
033	40.7	0.564	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	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	−0.085	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	98.8	45.5	1.00	0.21	0.00	% R21Y #
040	40.9	0.58	0.367	1.578	−0.057	0.732	25.8	15.2	30.0	30.5	70.1	68.8	72.6	100.0	46.5	1.00	0.22	0.00	% R22Y #
041	41.0	0.581	0.369	1.574	−0.052	73	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	% R26Y #
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	−04	0.725	25.1	16.0	29.8	32.4	70.2	67.1	81.2	105.3	50.4	1.00	0.29	0.00	% 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	−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	59	0.383	1.541	−0.027	0.716	24.5	16.6	29.6	34.1	70.4	65.5	89.7	111.0	53.8	1.00	0.35	0.00	% 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	0.712	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	0.395	1.504	−0.01	0.696	23.2	17.6	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	0.594	0.401	1.481	−0.004	0.682	22.4	17.9	28.7	38.5	70.9	60.1	116.2	130.8	62.6	1.00	0.57	0.00	% R57Y #
062	42.2	0.594	0.402	1.477	−002	0.679	22.3	18.0	28.6	38.8	71.0	59.7	118.1	132.3	63.1	1.00	0.58	0.00	% R58Y #
063	43.4	0.587	0.404	1.452	−0.008	0.657	21.9	18.2	28.5	39.8	71.8	57.8	111.1	125.3	62.5	1.00	0.6	0.00	% R60Y #
064	43.4	0.587	0.404	1.453	−0.008	0.657	21.9	18.2	28.5	39.8	71.8	57.9	110.8	125.0	62.4	1.00	0.61	0.00	% R61Y #
065	43.1	0.592	0.409	1.446	0.002	0.659	21.4	18.6	28.4	40.9	71.6	57.1	127.3	139.5	65.8	1.00	0.63	0.00	% R63Y #
066	44.4	0.589	0.415	1.416	0.004	0.639	20.8	19.7	28.3	42.8	72.5	54.6	132.6	143.4	67.6	1.00	0.65	0.00	% R65Y #
067	45.8	0.586	42	1.39	0.005	0.619	20.2	19.9	28.4	44.5	73.3	52.4	135.2	145.1	68.3	1.00	0.66	0.00	% R66Y #
068	47.3	58	0.424	1.367	0.004	0.603	19.8	20.5	28.5	45.9	74.4	50.5	135.9	145.0	69.5	1.00	0.68	0.00	% R68Y #
069	48.9	0.575	0.427	1.346	0.002	0.588	19.5	21.1	28.7	47.2	75.3	48.9	135.0	143.6	70.0	1.00	0.7	0.00	% R70Y #
070	50.4	0.571	0.429	1.329	0.0	0.574	19.2	21.6	28.9	48.4	76.3	47.4	133.2	141.4	70.3	1.00	0.71	0.00	% R71Y #
071	52.0	0.566	0.433	1.307	0.0	0.559	18.7	22.3	29.1	50.0	77.3	45.4	133.0	140.6	71.1	1.00	0.73	0.00	% R73Y #
072	53.6	0.562	0.437	1.284	0.0	0.545	18.0	23.0	29.2	51.9	78.2	43.2	134.5	141.3	72.1	1.00	0.74	0.00	% R74Y #
073	54.9	0.558	0.441	1.264	0.0	0.533	17.3	23.5	29.3	53.5	79.0	41.2	135.7	141.8	73.0	1.00	0.76	0.00	% R76Y #
074	56.3	0.554	0.445	1.244	0.0	0.521	16.7	24.1	29.3	55.3	79.8	39.2	136.8	142.3	74.0	1.00	0.78	0.00	% R78Y #
075	57.8	0.549	0.449	1.223	0.0	0.509	15.9	24.8	29.4	57.2	80.6	36.9	138.0	142.9	75.0	1.00	0.79	0.00	% R79Y #
076	59.3	0.545	0.453	1.202	0.0	0.498	15.1	25.4	29.6	59.2	81.4	34.6	139.2	143.4	76.0	1.00	0.81	0.00	% R81Y #
077	60.6	0.542	0.457	1.186	0.0	0.49	14.4	26.0	29.7	60.9	82.1	32.8	140.3	144.1	76.8	1.00	0.83	0.00	% R83Y #
078	62.0	0.538	0.46	1.168	0.0	0.482	13.6	26.5	29.8	62.7	82.9	30.7	141.3	144.6	77.7	1.00	0.84	0.00	% R84Y #
079	63.8	0.532	0.465	1.144	−0.001	0.471	12.5	27.3	30.0	65.4	83.9	27.8	142.2	144.9	78.9	1.00	0.86	0.00	% R86Y #
080	65.4	0.528	0.47	1.123	−0.001	0.462	11.4	27.9	30.2	67.6	84.6	25.2	142.6	144.8	79.9	1.00	0.87	0.00	% R87Y #
081	66.9	0.523	0.474	1.104	−0.001	0.455	10.4	28.6	30.4	69.9	85.4	22.7	142.9	144.7	80.9	1.00	0.89	0.00	% R89Y #
082	68.5	0.518	0.478	1.084	−002	0.448	9.3	29.2	30.7	72.3	86.2	20.1	143.2	144.6	81.9	1.00	0.91	0.00	% R91Y #
083	70.1	0.514	0.482	1.064	−002	0.442	8.1	29.9	31.0	74.7	87.0	17.5	143.5	144.5	83.0	1.00	0.92	0.00	% R92Y #
084	71.8	0.509	0.486	1.045	−002	0.437	7.0	30.6	31.4	77.0	87.8	14.8	143.7	144.4	84.0	1.00	0.94	0.00	% R94Y #
085	73.4	0.504	0.491	1.028	−0.003	0.433	5.8	31.2	31.8	79.3	88.6	12.3	143.8	144.4	85.0	1.00	0.96	0.00	% R96Y #
086	74.9	0.5	0.494	1.011	−0.003	0.43	4.7	31.9	32.2	81.5	89.3	9.9	144.0	144.3	86.0	1.00	0.97	0.00	% R97Y #
087	76.6	0.495	0.499	0.993	−0.004	0.427	3.4	32.6	32.8	83.8	90.1	7.2	144.2	144.4	87.1	1.00	0.99	0.00	% R99Y #
088	78.0	0.491	0.502	0.978	−0.004	0.426	2.3	33.1	33.2	85.9	90.8	4.8	143.9	144.0	88.0	0.99	1.00	0.00	% Y00G #
089	79.3	0.487	0.505	0.963	−0.005	0.424	1.2	33.6	33.6	87.8	91.3	2.5	142.2	142.2	88.9	0.97	1.00	0.00	% Y02G #

CIEXYZ-Daten of CIE-Testfarben 9 (R): 19.0 10.8 4.3, 10 (Y): 54.3 55.9 11.0, 11 (G): 12.5 20.4 14.4, 12 (B): 6.1 7.8 26.5

***rgb**$_{e,ab}$- und CIE-Daten eines Elementar-Bunttonkreises nach CIE R1-47 für *Ostwald*-Farben für CIE-Lichtart D65**

***Yxy, abc*$_{AB}$, *ABC*$_{AB}$, *LabC**$_{ab}$*h*$_{ab}$-Daten fü relative Stufung des Elementarbunttons *h*$_{ab}$ von *CIELAB* für CIE-10-Grad Beobachter**

Elementar-Bunttonkreis mit 4 Ziel-Elementar-Bunttonwinkeln: *h*$_{ab}$ = 25.9, 87.3, 158.8, 252.1 von *CIELAB* und 90 Ziel-Buntonwinkeln:

090, 091, ..., 179, 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.	Y_{10}	x_{10}	y_{10}	a_{10}	b_{10}	$c_{AB,10}$	A_{10}	B_{10}	$C_{AB,10}$	$h_{AB,10}$	L^*_{10}	a^*_{10}	b^*_{10}	$C^*_{ab,10}$	$h_{ab,10}$	$rgb^*_{e,ab,10}$			$Code_{ab,10}$
090	80.6	0.482	0.508	0.949	−0.006	0.423	0.0	34.1	34.1	89.8	91.9	0.1	140.3	140.3	89.9	0.96	1.00	0.00	% Y03G #
091	82.0	0.478	0.511	0.934	−0.007	0.422	−1.1	34.5	34.6	91.9	92.5	−2.3	138.2	138.2	90.9	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	101.7	95.7	−14.8	123.7	124.6	96.8	0.86	1.00	0.00	% Y13G #
098	90.7	0.448	52	0.861	−0.023	0.414	−7.8	36.7	37.6	102.0	96.3	−15.1	119.7	120.7	97.2	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	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	52.0	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	0.787	−0.037	0.423	−14.4	35.2	38.0	112.2	95.9	−28.8	107.4	111.2	105.0	0.73	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	−30.6	107.0	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	33.3	38.9	120.9	94.0	−42.8	104.6	113.0	112.2	0.64	1.00	0.00	% Y35G #
114	84.6	0.39	0.555	0.701	−0.039	0.461	−20.8	33.0	39.0	122.2	93.7	−45.1	104.1	113.4	113.4	0.62	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	32.0	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	127.9	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	128.9	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	0.356	0.579	0.614	−0.044	0.509	−26.3	30.4	40.2	130.8	91.2	−62.1	98.3	116.3	122.2	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	−27.9	29.4	40.6	133.5	90.3	−68.2	95.6	117.4	125.5	0.47	1.00	0.00	% Y58G #
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	−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	−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	0.536	−053	0.557	−30.4	27.8	41.2	137.5	88.8	−78.1	90.7	119.7	130.7	0.4	1.00	0.00	% Y59G #
131	73.3	0.317	0.601	0.527	−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	−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	−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	−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	0.609	0.492	−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	−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	−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	−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	−066	0.606	−33.4	24.9	41.7	143.2	86.4	−94.1	81.6	124.5	139.0	0.27	1.00	0.00	% Y72G #
140	42.5	0.577	0.377	1.53	−048	0.695	24.7	16.1	29.5	33.2	71.2	65.0	77.7	101.3	50.0	0.26	1.00	0.00	% Y73G #
141	42.4	0.576	0.376	1.531	−049	0.696	24.7	16.1	29.5	33.0	71.2	65.1	77.2	101.0	49.8	0.24	1.00	0.00	% Y75G #
142	42.4	0.576	0.376	1.532	−05	0.696	24.8	16.1	29.5	32.9	71.1	65.2	76.7	100.7	49.6	0.23	1.00	0.00	% Y76G #
143	42.4	0.576	0.375	1.533	−051	0.697	24.8	16.0	29.6	32.8	71.1	65.3	76.2	100.4	49.4	0.22	1.00	0.00	% Y77G #
144	42.4	0.575	0.375	1.534	−052	0.697	24.9	16.0	29.6	32.7	71.1	65.4	75.8	100.1	49.1	0.2	1.00	0.00	% Y79G #
145	42.4	0.575	0.374	1.536	−053	0.698	24.9	15.9	29.6	32.5	71.1	65.5	75.3	99.8	48.9	0.19	1.00	0.00	% Y80G #
146	42.4	0.575	0.374	1.537	−054	0.697	25.0	15.9	29.6	32.4	71.1	65.6	74.8	99.5	48.7	0.17	1.00	0.00	% Y82G #
147	42.4	0.574	0.373	1.538	−055	0.698	25.0	15.8	29.6	32.3	71.1	65.7	74.3	99.2	48.4	0.16	1.00	0.00	% Y83G #
148	42.3	0.574	0.373	1.539	−056	0.699	25.0	15.8	29.6	32.2	71.1	65.8	73.8	98.9	48.2	0.15	1.00	0.00	% Y84G #
149	42.3	0.573	0.372	1.54	−057	0.699	25.1	15.7	29.6	32.0	71.1	65.9	73.3	98.6	48.0	0.13	1.00	0.00	% Y86G #
150	42.3	0.573	0.371	1.541	−058	0.7	25.1	15.7	29.6	31.9	71.1	66.0	72.8	98.3	47.7	0.12	1.00	0.00	% Y87G #
151	42.3	0.573	0.371	1.543	−059	0.7	25.2	15.6	29.6	31.8	71.1	66.1	72.3	98.0	47.5	0.11	1.00	0.00	% Y88G #
152	42.3	0.572	0.37	1.544	−061	0.7	25.2	15.5	29.6	31.7	71.1	66.2	71.8	97.7	47.2	0.09	1.00	0.00	% Y90G #
153	42.3	0.572	0.37	1.545	−062	0.701	25.2	15.5	29.6	31.5	71.0	66.4	71.3	97.4	47.0	0.08	1.00	0.00	% Y91G #
154	42.3	0.571	0.369	1.546	−063	0.701	25.3	15.4	29.6	31.4	71.0	66.5	70.8	97.1	46.7	0.06	1.00	0.00	% Y93G #
155	42.3	0.571	0.369	1.547	−064	0.701	25.3	15.4	29.6	31.3	71.0	66.6	70.3	96.8	46.5	0.05	1.00	0.00	% Y94G #
156	42.2	0.57	0.368	1.549	−065	0.702	25.4	15.3	29.7	31.1	71.0	66.7	69.7	96.5	46.2	0.04	1.00	0.00	% Y95G #
157	42.2	0.57	0.367	1.55	−066	0.702	25.4	15.3	29.7	31.0	71.0	66.8	69.2	96.2	46.0	0.02	1.00	0.00	% Y97G #
158	42.2	0.569	0.367	1.551	−068	0.703	25.4	15.2	29.7	30.9	71.0	66.9	68.7	95.9	45.7	0.01	1.00	0.00	% Y98G #
159	42.2	0.569	0.366	1.552	−069	0.703	25.5	15.2	29.7	30.7	71.0	67.0	68.2	95.6	45.5	0.00	1.00	0.0	% G00B #
160	42.2	0.568	0.366	1.553	−07	0.703	25.5	15.1	29.7	30.6	71.0	67.1	67.7	95.4	45.2	0.00	1.00	0.02	% G01B #
161	42.2	0.568	0.365	1.554	−072	0.704	25.6	15.0	29.7	30.4	71.0	67.2	67.2	95.1	45.0	0.00	1.00	0.04	% G02B #
162	42.2	0.568	0.365	1.556	−073	0.704	25.6	15.0	29.7	30.3	71.0	67.3	66.7	94.8	44.7	0.00	1.00	0.06	% G03B #
163	42.1	0.567	0.364	1.557	−074	0.704	25.7	14.9	29.7	30.2	71.0	67.4	66.2	94.5	44.4	0.00	1.00	0.08	% G04B #
164	42.1	0.566	0.363	1.558	−076	0.705	25.7	14.9	29.7	30.0	70.9	67.5	65.7	94.2	44.2	0.00	1.00	0.11	% G05B #
165	42.1	0.566	0.363	1.559	−077	0.705	25.7	14.8	29.7	29.9	70.9	67.6	65.2	93.9	43.9	0.00	1.00	0.13	% G06B #
166	42.1	0.565	0.362	1.56	−078	0.706	25.8	14.7	29.7	29.7	70.9	67.7	64.7	93.7	43.6	0.00	1.00	0.15	% G07B #
167	42.1	0.565	0.361	1.562	−08	0.706	25.8	14.7	29.7	29.6	70.9	67.8	64.2	93.4	43.4	0.00	1.00	0.17	% G08B #
168	42.1	0.564	0.361	1.563	−081	0.706	25.9	14.6	29.7	29.4	70.9	67.9	63.6	93.1	43.1	0.00	1.00	0.19	% G09B #
169	42.1	0.564	0.36	1.564	−083	0.707	25.9	14.5	29.7	29.3	70.9	68.0	63.1	92.8	42.8	0.00	1.00	0.21	% G10B #
170	42.1	0.563	0.36	1.565	−084	0.707	26.0	14.5	29.7	29.1	70.9	68.2	62.6	92.6	42.5	0.00	1.00	0.23	% G11B #
171	42.0	0.563	0.359	1.566	−086	0.707	26.0	14.4	29.7	29.0	70.9	68.3	62.1	92.3	42.3	0.00	1.00	0.26	% G13B #
172	42.0	0.562	0.358	1.568	−087	0.708	26.0	14.3	29.7	28.8	70.9	68.4	61.6	92.0	42.0	0.00	1.00	0.28	% G14B #
173	42.0	0.562	0.358	1.569	−089	0.708	26.1	14.3	29.7	28.7	70.9	68.5	61.1	91.8	41.7	0.00	1.00	0.3	% G15B #
174	42.0	0.561	0.357	1.57	−09	0.708	26.1	14.2	29.7	28.5	70.9	68.6	60.6	91.5	41.4	0.00	1.00	0.32	% G16B #
175	42.0	56	0.356	1.571	−092	0.709	26.2	14.1	29.8	28.3	70.8	68.7	60.1	91.3	41.1	0.00	1.00	0.34	% G17B #
176	42.0	0.56	0.356	1.573	−093	0.709	26.2	14.1	29.8	28.2	70.8	68.8	59.5	91.0	40.8	0.00	1.00	0.36	% G18B #
177	42.0	0.559	0.355	1.574	−095	0.709	26.3	14.0	29.8	28.0	70.8	68.9	59.0	90.8	40.5	0.00	1.00	0.38	% G19B #
178	41.9	0.559	0.354	1.575	−096	0.709	26.3	13.9	29.8	27.9	70.8	69.0	58.5	90.5	40.3	0.00	1.00	0.41	% G20B #
179	41.9	0.558	0.354	1.576	−098	0.71	26.3	13.8	29.8	27.7	70.8	69.1	58.0	90.2	40.0	0.00	1.00	0.43	% G21B #

CIEXYZ-Daten of CIE-Testfarben 9 (R): 19.0 10.8 4.3, 10 (Y): 54.3 55.9 11.0, 11 (G): 12.5 20.4 14.4, 12 (B): 6.1 7.8 26.5

***rgb**$_{e,ab}$*- und CIE-Daten eines Elementar-Bunttonkreises nach CIE R1-47 für *Ostwald*-Farben für CIE-Lichtart D65**

***Yxy, abc*$_{AB}$, *ABC*$_{AB}$, *LabC*$_{ab}$h$_{ab}$*-Daten für relative Stufung des Elementarbunttons *h*$_{ab}$ von *CIELAB* für CIE-10-Grad Beobachter**

Elementar-Bunttonkreis mit 4 Ziel-Elementar-Bunttonwinkeln: *h*$_{ab}$ = 25.9, 87.3, 158.8, 252.1 von *CIELAB* und 90 Ziel-Buntonwinkeln:

180, 181, ..., 269, 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.	Y_{10}	x_{10}	y_{10}	a_{10}	b_{10}	$c_{AB,10}$	A_{10}	B_{10}	$C_{AB,10}$	$h_{AB,10}$	L^*_{10}	a^*_{10}	b^*_{10}	$C^*_{ab,10}$	$h_{ab,10}$	$rgb^*_{e,ab,10}$			$Code_{ab,10}$
180	41.9	0.557	0.353	1.577	−0.1	0.71	26.4	13.8	29.8	27.5	70.8	69.2	57.5	90.0	39.7	0.00	1.00	0.45	% G22B #
181	41.9	0.557	0.352	1.579	−0.101	0.71	26.4	13.7	29.8	27.4	70.8	69.3	57.0	89.8	39.4	0.00	1.00	0.47	% G23B #
182	41.9	0.556	0.352	1.58	−0.103	0.711	26.5	13.6	29.8	27.2	70.8	69.4	56.5	89.5	39.1	0.00	1.00	0.49	% G24B #
183	41.9	0.555	0.351	1.581	−0.105	0.711	26.5	13.5	29.8	27.0	70.8	69.5	55.9	89.3	38.8	0.00	1.00	0.51	% G25B #
184	41.9	0.555	0.35	1.582	−0.107	0.711	26.6	13.5	29.8	26.9	70.8	69.6	55.4	89.0	38.5	0.00	1.00	0.53	% G26B #
185	41.9	0.554	0.35	1.583	−0.108	0.712	26.6	13.4	29.8	26.7	70.8	69.8	54.9	88.8	38.2	0.00	1.00	0.56	% G28B #
186	41.8	0.553	0.349	1.585	−0.11	0.712	26.6	13.3	29.8	26.5	70.7	69.9	54.4	88.6	37.9	0.00	1.00	0.58	% G29B #
187	41.8	0.553	0.348	1.586	−0.112	0.712	26.7	13.2	29.8	26.4	70.7	70.0	53.9	88.3	37.6	0.00	1.00	0.6	% G30B #
188	41.8	0.552	0.348	1.587	−0.114	0.713	26.7	13.1	29.8	26.2	70.7	70.1	53.4	88.1	37.2	0.00	1.00	0.62	% 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	49.2	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	0.33	1.617	−0.163	0.719	27.7	11.0	29.9	21.6	70.5	72.6	41.0	83.4	29.4	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	82.9	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	−0.182	0.722	28.1	10.2	29.9	19.9	70.4	73.5	37.0	82.3	26.7	0.00	0.68	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	% G73B #
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	28.8	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	0.00	0.21	1.00	% G89B #
243	41.1	0.506	0.306	1.654	−0.243	0.73	29.0	7.6	30.0	14.7	70.2	75.8	25.5	80.0	18.6	0.00	0.19	1.00	% G90B #
244	41.1	0.506	0.305	1.655	−0.246	0.731	29.1	7.5	30.0	14.4	70.2	75.9	25.0	80.0	18.2	0.00	0.17	1.00	% G91B #
245	41.1	0.505	0.304	1.657	−0.249	0.731	29.1	7.3	30.0	14.2	70.2	76.0	24.6	79.9	17.9	0.00	0.15	1.00	% G92B #
246	41.1	0.504	0.304	1.658	−0.252	0.731	29.1	7.2	30.0	13.9	70.2	76.1	24.1	79.8	17.5	0.00	0.13	1.00	% G93B #
247	41.0	0.503	0.303	1.659	−0.255	0.732	29.2	7.1	30.0	13.7	70.2	76.2	23.6	79.8	17.2	0.00	0.1	1.00	% G94B #
248	41.0	0.502	0.302	1.66	−0.258	0.732	29.2	7.0	30.1	13.4	70.2	76.3	23.1	79.7	16.8	0.00	0.08	1.00	% G95B #
249	41.0	0.501	0.301	1.661	−0.261	0.733	29.3	6.9	30.1	13.2	70.2	76.4	22.6	79.7	16.5	0.00	0.06	1.00	% G96B #
250	41.0	0.5	0.3	1.663	−0.264	0.733	29.3	6.7	30.1	13.0	70.2	76.5	22.2	79.7	16.1	0.00	0.04	1.00	% G97B #
251	41.0	0.499	0.3	1.664	−0.267	0.734	29.3	6.6	30.1	12.7	70.2	76.6	21.7	79.6	15.8	0.00	0.02	1.00	% G98B #
252	41.0	0.498	0.299	1.665	−0.27	0.734	29.4	6.5	30.1	12.5	70.2	76.7	21.2	79.6	15.4	0.00	0.0	1.00	% G99B #
253	41.0	0.497	0.298	1.666	−0.273	0.735	29.4	6.4	30.1	12.2	70.1	76.8	20.7	79.6	15.1	0.01	0.00	1.00	% B00R #
254	41.0	0.496	0.297	1.667	−0.276	0.735	29.5	6.2	30.1	12.0	70.1	76.9	20.3	79.5	14.7	0.02	0.00	1.00	% B01R #
255	40.9	0.495	0.296	1.668	−0.279	0.736	29.5	6.1	30.1	11.7	70.1	77.0	19.8	79.5	14.4	0.04	0.00	1.00	% B02R #
256	40.9	0.494	0.296	1.67	−0.282	0.736	29.5	6.0	30.1	11.5	70.1	77.1	19.3	79.5	14.0	0.05	0.00	1.00	% B02R #
257	40.9	0.493	0.295	1.671	−0.285	0.737	29.6	5.8	30.2	11.2	70.1	77.2	18.8	79.5	13.7	0.07	0.00	1.00	% B03R #
258	40.9	0.492	0.294	1.672	−0.288	0.737	29.6	5.7	30.2	10.9	70.1	77.3	18.4	79.4	13.4	0.08	0.00	1.00	% B04R #
259	40.9	0.491	0.293	1.673	−0.291	0.738	29.7	5.6	30.2	10.7	70.1	77.4	17.9	79.4	13.0	0.1	0.00	1.00	% B05R #
260	40.9	0.49	0.293	1.674	−0.294	0.739	29.7	5.5	30.2	10.4	70.1	77.5	17.4	79.4	12.7	0.11	0.00	1.00	% B05R #
261	40.9	0.489	0.292	1.675	−0.297	0.739	29.7	5.3	30.2	10.2	70.1	77.6	17.0	79.4	12.3	0.13	0.00	1.00	% B06R #
262	40.9	0.488	0.291	1.677	−0.301	0.74	29.8	5.2	30.2	9.9	70.1	77.7	16.5	79.4	12.0	0.14	0.00	1.00	% B07R #
263	40.9	0.488	0.29	1.678	−0.304	0.74	29.8	5.1	30.2	9.7	70.1	77.8	16.1	79.4	11.6	0.16	0.00	1.00	% B08R #
264	40.8	0.487	0.29	1.679	−0.307	0.741	29.9	4.9	30.3	9.4	70.1	77.9	15.6	79.4	11.3	0.17	0.00	1.00	% B08R #
265	40.8	0.486	0.289	1.68	−0.31	0.741	29.9	4.8	30.3	9.2	70.0	77.9	15.1	79.4	11.0	0.19	0.00	1.00	% B09R #
266	40.8	0.485	0.288	1.681	−0.313	0.742	29.9	4.7	30.3	8.9	70.0	78.0	14.7	79.4	10.6	0.2	0.00	1.00	% B10R #
267	40.8	0.484	0.287	1.682	−0.316	0.743	30.0	4.5	30.3	8.6	70.0	78.1	14.2	79.4	10.3	0.22	0.00	1.00	% B11R #
268	40.8	0.483	0.286	1.683	−0.32	0.743	30.0	4.4	30.3	8.4	70.0	78.2	13.8	79.4	10.0	0.23	0.00	1.00	% B11R #
269	40.8	0.482	0.286	1.685	−0.323	0.744	30.0	4.3	30.3	8.1	70.0	78.3	13.3	79.5	9.6	0.25	0.00	1.00	% B12R #

CIEXYZ-Daten of CIE-Testfarben 9 (R): 19.0 10.8 4.3, 10 (Y): 54.3 55.9 11.0, 11 (G): 12.5 20.4 14.4, 12 (B): 6.1 7.8 26.5

***rgb**$_{e,ab}$*- und CIE-Daten eines Elementar-Bunttonkreises nach CIE R1-47 für *Ostwald*-Farben für CIE-Lichtart D65**

***Yxy*, *abc*$_{AB}$, *ABC*$_{AB}$, *LabC**$_{ab}$*h*$_{ab}$-Daten für relative Stufung des Elementarbunttons *h*$_{ab}$ von *CIELAB* für CIE-10-Grad Beobachter**

Elementar-Bunttonkreis mit 4 Ziel-Elementar-Bunttonwinkeln: *h*$_{ab}$ = 25.9, 87.3, 158.8, 252.1 von *CIELAB* und 90 Ziel-Buntonwinkeln:

270, 271, ..., 360, 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.	Y_{10}	x_{10}	y_{10}	a_{10}	b_{10}	$c_{AB,10}$	A_{10}	B_{10}	$C_{AB,10}$	$h_{AB,10}$	L^*_{10}	a^*_{10}	b^*_{10}	$C^*_{ab,10}$	$h_{ab,10}$	$rgb^*_{e,ab,10}$			$Code_{ab,10}$
270	40.8	0.481	0.285	1.686	−0.326	0.745	30.1	4.1	30.4	7.9	70.0	78.4	12.9	79.5	9.3	0.26	0.00	1.00	% B13R #
271	40.8	0.48	0.284	1.687	−0.329	0.745	30.1	4.0	30.4	7.6	70.0	78.5	12.4	79.5	9.0	0.28	0.00	1.00	% B14R #
272	40.7	0.479	0.283	1.688	−0.333	0.746	30.2	3.9	30.4	7.4	70.0	78.6	12.0	79.5	8.6	0.29	0.00	1.00	% B14R #
273	40.7	0.478	0.283	1.689	−0.336	0.747	30.2	3.7	30.4	7.1	70.0	78.7	11.5	79.5	8.3	0.31	0.00	1.00	% B15R #
274	40.7	0.477	0.282	1.69	−0.339	0.747	30.2	3.6	30.4	6.8	70.0	78.8	11.1	79.6	8.0	0.32	0.00	1.00	% B16R #
275	40.7	0.476	0.281	1.691	−0.342	0.748	30.3	3.5	30.5	6.6	70.0	78.9	10.6	79.6	7.7	0.34	0.00	1.00	% B17R #
276	40.7	0.475	0.281	1.692	−0.346	0.749	30.3	3.3	30.5	6.3	70.0	79.0	10.2	79.6	7.3	0.35	0.00	1.00	% B17R #
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	% B18R #
278	40.7	0.473	0.279	1.695	−0.352	0.75	30.4	3.1	30.5	5.8	69.9	79.1	9.3	79.7	6.7	0.38	0.00	1.00	% B19R #
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	0.466	0.273	1.703	−0.379	0.757	30.7	2.0	30.7	3.7	69.9	79.8	5.9	80.1	4.2	0.5	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	0.61	0.00	1.00	% B30R #
294	40.5	0.459	0.268	1.712	−0.406	0.763	30.9	0.9	30.9	1.7	69.8	80.5	2.6	80.6	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	−0.1	31.2	359.6	69.8	81.2	−0.5	81.2	359.6	0.74	0.00	1.00	% B37R #
303	40.4	0.451	0.262	1.721	−0.437	0.773	31.2	−0.3	31.2	359.4	69.7	81.3	−0.8	81.3	359.3	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	31.4	−1.2	31.5	357.6	69.7	81.8	−3.5	81.9	357.5	0.86	0.00	1.00	% B43R #
311	40.3	0.444	0.257	1.728	−0.464	0.781	31.5	−1.4	31.5	357.4	69.7	81.9	−3.8	82.0	357.2	0.88	0.00	1.00	% B44R #
312	40.3	0.443	0.256	1.729	−0.467	0.782	31.5	−1.5	31.5	357.2	69.7	82.0	−4.2	82.1	357.0	0.89	0.00	1.00	% B44R #
313	40.3	0.442	0.255	1.73	−0.47	0.783	31.5	−1.6	31.6	356.9	69.7	82.0	−4.6	82.2	356.7	0.91	0.00	1.00	% B45R #
314	40.3	0.442	0.255	1.731	−0.474	0.784	31.6	−1.8	31.6	356.7	69.7	82.1	−4.9	82.3	356.5	0.92	0.00	1.00	% B46R #
315	40.3	0.441	0.254	1.732	−0.477	0.785	31.6	−1.9	31.7	356.4	69.7	82.2	−5.3	82.3	356.2	0.94	0.00	1.00	% B47R #
316	40.3	0.44	0.254	1.733	−0.48	0.787	31.7	−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	1.0	% 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	69.5	82.9	−9.0	83.4	353.7	1.00	0.00	0.89	% B56R #
327	40.2	0.431	0.247	1.743	−0.516	0.799	31.9	−3.5	32.1	353.7	69.6	83.0	−9.4	83.5	353.5	1.00	0.00	0.88	% B55R #
328	40.2	0.431	0.247	1.743	−0.52	0.801	32.0	−3.6	32.2	353.4	69.6	83.1	−9.7	83.7	353.3	1.00	0.00	0.86	% B56R #
329	40.2	0.43	0.246	1.744	−0.523	0.802	32.0	−3.7	32.2	353.2	69.6	83.2	−10.0	83.8	353.1	1.00	0.00	0.85	% B57R #
330	40.2	0.429	0.246	1.745	−0.526	0.803	32.0	−3.9	32.3	353.0	69.6	83.2	−10.3	83.9	352.8	1.00	0.00	0.83	% B58R #
331	40.1	0.429	0.245	1.746	−0.529	0.804	32.0	−4.0	32.3	352.8	69.6	83.3	−10.6	84.0	352.6	1.00	0.00	0.82	% B58R #
332	40.1	0.428	0.245	1.747	−0.532	0.805	32.1	−4.1	32.3	352.6	69.6	83.3	−10.9	84.1	352.4	1.00	0.00	0.8	% B59R #
333	40.1	0.427	0.244	1.748	−0.535	0.807	32.1	−4.2	32.4	352.4	69.5	83.4	−11.3	84.2	352.2	1.00	0.00	0.79	% B60R #
334	40.1	0.426	0.244	1.748	−0.538	0.808	32.1	−4.3	32.4	352.2	69.5	83.5	−11.6	84.3	352.0	1.00	0.00	0.77	% B61R #
335	40.1	0.426	0.243	1.749	−0.541	0.809	32.1	−4.5	32.5	352.0	69.5	83.5	−11.9	84.4	351.8	1.00	0.00	0.76	% B61R #
336	40.1	0.425	0.243	1.75	−0.544	0.81	32.2	−4.7	32.5	351.7	69.5	83.6	−12.2	84.5	351.5	1.00	0.00	0.74	% B62R #
337	40.1	0.424	0.242	1.751	−0.548	0.811	32.2	−4.7	32.5	351.5	69.5	83.6	−12.5	84.6	351.3	1.00	0.00	0.73	% B63R #
338	40.1	0.424	0.242	1.752	−0.551	0.813	32.2	−4.8	32.6	351.3	69.5	83.7	−12.8	84.7	351.3	1.00	0.00	0.71	% B64R #
339	40.1	0.423	0.241	1.752	−0.554	0.814	32.2	−5.0	32.6	351.1	69.5	83.8	−13.0	84.8	351.1	1.00	0.00	0.7	% B64R #
340	40.1	0.422	0.241	1.753	−0.557	0.815	32.3	−5.1	32.7	350.9	69.5	83.8	−13.3	84.9	350.9	1.00	0.00	0.68	% B65R #
341	40.1	0.422	0.24	1.754	−0.56	0.816	32.3	−5.2	32.7	350.7	69.5	83.9	−13.6	85.0	350.7	1.00	0.00	0.67	% B66R #
342	40.1	0.421	0.24	1.755	−0.562	0.817	32.3	−5.3	32.8	350.5	69.5	84.0	−13.9	85.1	350.5	1.00	0.00	0.65	% B67R #
343	40.0	0.42	0.239	1.755	−0.565	0.819	32.3	−5.4	32.8	350.4	69.5	84.0	−14.2	85.2	350.3	1.00	0.00	0.64	% B67R #
344	40.0	0.42	0.239	1.756	−0.568	0.82	32.4	−5.5	32.8	350.2	69.5	84.1	−14.4	85.3	350.2	1.00	0.00	0.62	% B68R #
345	40.0	0.419	0.238	1.757	−0.571	0.821	32.4	−5.7	32.9	350.0	69.5	84.1	−14.7	85.4	350.0	1.00	0.00	0.61	% B69R #
346	40.0	0.419	0.238	1.757	−0.574	0.822	32.4	−5.8	32.9	349.8	69.5	84.2	−15.0	85.5	349.8	1.00	0.00	0.59	% B70R #
347	40.0	0.418	0.237	1.758	−0.577	0.823	32.4	−5.9	33.0	349.6	69.5	84.2	−15.3	85.6	349.7	1.00	0.00	0.58	% B70R #
348	40.0	0.417	0.237	1.759	−0.58	0.825	32.4	−6.0	33.0	349.4	69.5	84.3	−15.5	85.7	349.5	1.00	0.00	0.56	% B71R #
349	40.0	0.417	0.237	1.76	−0.582	0.826	32.5	−6.1	33.0	349.2	69.5	84.4	−15.8	85.8	349.3	1.00	0.00	0.55	% B72R #
350	40.0	0.418	0.238	1.759	−0.576	0.824	32.4	−5.9	33.0	349.6	69.5	84.3	−15.2	85.6	349.7	1.00	0.00	0.53	% B73R #
351	40.0	0.421	0.239	1.757	−0.566	0.82	32.4	−5.4	32.8	350.3	69.4	84.1	−14.2	85.3	350.3	1.00	0.00	0.52	% B73R #
352	40.0	0.423	0.241	1.755	−0.555	0.817	32.3	−5.0	32.7	351.1	69.4	84.0	−13.1	85.0	351.0	1.00	0.00	0.5	% B74R #
353	40.0	0.426	0.243	1.753	−0.544	0.813	32.2	−4.5	32.5	351.8	69.4	83.8	−12.1	84.7	351.7	1.00	0.00	0.49	% B75R #
354	40.0	0.429	0.244	1.751	−0.532	0.81	32.1	−4.1	32.4	352.6	69.4	83.6	−10.9	84.3	352.5	1.00	0.00	0.47	% B76R #
355	40.0	0.431	0.246	1.749	−0.52	0.806	32.0	−3.6	32.2	353.5	69.4	83.4	−9.7	84.0	353.3	1.00	0.00	0.46	% B76R #
356	40.0	0.434	0.248	1.747	−0.508	0.803	31.9	−3.1	32.1	354.3	69.4	83.2	−8.5	83.7	354.1	1.00	0.00	0.44	% B77R #
357	40.0	0.437	0.25	1.744	−0.496	0.799	31.8	−2.6	32.0	355.2	69.4	83.0	−7.2	83.4	354.9	1.00	0.00	0.43	% B78R #
358	40.0	0.44	0.253	1.742	−0.483	0.796	31.8	−2.1	31.8	356.0	69.4	82.8	−5.9	83.0	355.8	1.00	0.00	0.41	% B79R #
359	40.0	0.444	0.255	1.739	−0.471	0.793	31.7	−1.6	31.7	356.9	69.4	82.6	−4.6	82.7	356.7	1.00	0.00	0.4	% B79R #
360	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	0.38	% B80R #

CIEXYZ-Daten of CIE-Testfarben 9 (R): 19.0 10.8 4.3, 10 (Y): 54.3 55.9 11.0, 11 (G): 12.5 20.4 14.4, 12 (B): 6.1 7.8 26.5