



**48-stufiger Geräte-Buntonkreis und  
 16-stufiger Elementar-Buntonkreis  
 mit gleichabständigen CIELAB Buntonstufen**

KG030-4N, 1				KG031-8N, 1																																																																																																																																																																																																																																											
no.	$h_{ab,a}$	$L^*$	$a^*_a$	$b^*_a$	no.	$h_{ab,a}$	$L^*$	$a^*_a$	$b^*_a$	no.	$h_{ab,a}$	$L^*$	$a^*_a$	$b^*_a$	no.	$h_{ab,a}$	$L^*$	$a^*_a$	$b^*_a$	no.	$h_{ab,a}$	$L^*$	$a^*_a$	$b^*_a$	no.	$h_{ab,a}$	$L^*$	$a^*_a$	$b^*_a$																																																																																																																																																																																																																		
648	33.0	48.1	64.4	41.8	720	100.4	93.5	-17.5	95.4	72	143.3	60.2	-59.3	44.2	80	206.6	56.3	-40.9	-20.5	8	264.0	38.6	-4.8	-46.2	656	351.1	48.2	72.1	-11.2	657	33.9	48.9	63.2	42.5	639	110.9	82.3	-29.6	77.5	73	143.9	59.6	-60.0	43.6	71	224.4	52.4	-36.0	-35.4	89	265.1	39.2	-4.0	-47.3	655	354.9	48.2	75.4	-6.6	666	38.7	49.8	61.3	49.2	558	121.5	74.0	-39.4	64.2	74	144.4	59.6	-59.5	42.4	62	242.1	51.2	-25.4	-48.1	170	266.8	38.9	-2.6	-47.4	654	359.6	47.8	73.7	-0.5	675	46.9	54.8	51.5	55.1	477	131.8	67.1	-45.9	51.2	75	147.0	58.6	-60.3	39.1	53	248.3	48.1	-19.1	-48.1	251	269.7	37.2	-0.2	-48.6	653	5.8	48.0	71.1	7.2	684	60.6	63.0	35.4	63.1	396	139.7	62.0	-53.2	45.1	76	150.3	58.2	-59.5	33.9	44	253.0	45.4	-14.6	-48.1	332	280.1	36.1	8.3	-46.3	652	10.6	48.2	69.3	12.9	693	75.5	72.0	18.5	72.0	315	141.6	61.1	-55.1	43.6	77	154.4	57.5	-59.3	28.4	35	257.5	43.0	-10.6	-47.9	413	297.4	36.8	21.3	-41.1	651	16.6	47.9	67.3	20.1	702	87.7	80.7	3.2	81.1	234	143.6	60.0	-59.0	43.3	78	164.0	58.0	-54.6	15.6	26	262.2	41.1	-6.4	-47.7	494	316.3	38.9	36.9	-35.2	650	23.5	48.1	65.5	28.5	711	96.3	88.8	-10.0	90.8	153	144.0	59.6	-59.8	43.4	79	181.2	59.7	-46.3	-0.9	17	264.7	39.8	-4.3	-47.4	575	332.3	41.9	51.3	-26.9	649	29.5	48.3	64.8	36.7
<b>RJGB<sub>10m</sub></b> : 25.4, 92.3, 162.2, 271.7				<b>RJGB<sub>all</sub></b> : 25.4 42.1 58.8 75.6 92.3 109.7 127.2 144.7 162.2 189.6 216.9 244.3 271.7 300.1 328.6 357.0				<b>LAB*Nio</b> : 12.9, 0.3, 1.4				<b>LAB*Wio</b> : 97.2, -0.8, 1.8																																																																																																																																																																																																																																			
<b>r00j=R</b>	720	651	600	568	553	552	564	563	559	602	706	787	779	682	527	414	395	417	X	Y	Z	$L^*$	$a^*$	$b^*$	$L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h_{ab,a}$																																																																																																																																																																																																																		
	399	391	677	1977	4230	6315	7667	8384	8734	8893	8968	8983	8990	8990	8998	9015	9006	9010	30.4	16.9	6.4	48.2	65.1	32.6	48.2	65.2	31.0	72.2	<b>25.4</b>																																																																																																																																																																																																																		
<b>r25j</b>	333	262	219	196	183	180	183	197	230	319	559	874	1047	1017	852	711	685	716	32.5	20.0	3.4	51.8	57.3	53.7	51.8	57.4	52.0	77.5	<b>42.1</b>																																																																																																																																																																																																																		
	688	672	1034	2497	4787	6767	7986	8606	8904	9041	9105	9115	9119	9118	9123	9140	9131	9133	32.5	20.0	3.4	51.8	57.3	53.7	51.8	57.4	52.0	77.5	<b>42.1</b>																																																																																																																																																																																																																		
<b>r50j</b>	369	292	236	209	196	194	200	214	256	385	785	1454	1993	2167	2053	1894	1869	1915	39.5	30.3	4.8	61.9	37.2	63.7	61.9	37.5	62.1	72.5	<b>58.8</b>																																																																																																																																																																																																																		
	1874	1851	2303	3856	5920	7494	8377	8803	9005	9100	9148	9148	9147	9143	9148	9163	9150	9153	39.5	30.3	4.8	61.9	37.2	63.7	61.9	37.5	62.1	72.5	<b>58.8</b>																																																																																																																																																																																																																		
<b>r75j</b>	429	330	264	231	214	212	221	241	294	473	1051	2109	3108	3608	3659	3557	3550	3600	47.8	43.7	6.4	72.0	18.0	73.7	72.0	18.5	72.0	74.4	<b>75.5</b>																																																																																																																																																																																																																		
	3559	3540	3971	5330	6956	8083	8676	8952	9086	9152	9184	9177	9176	9169	9172	9189	9174	9179	47.8	43.7	6.4	72.0	18.0	73.7	72.0	18.5	72.0	74.4	<b>75.5</b>																																																																																																																																																																																																																		
<b>j00g=J</b>	457	333	263	231	213	205	215	239	312	568	1415	3032	4735	5838	6279	6365	6417	6468	60.4	65.4	8.6	84.7	-4.0	87.6	84.7	-3.4	85.8	85.9	<b>92.2</b>																																																																																																																																																																																																																		
	6445	6450	6711	7470	8258	8737	8976	9085	9147	9187	9206	9194	9188	9178	9179	9192	9180	9186	60.4	65.4	8.6	84.7	-4.0	87.6	84.7	-3.4	85.8	85.9	<b>92.2</b>																																																																																																																																																																																																																		
<b>j25g</b>	391	313	271	244	229	231	244	278	367	668	1634	3523	5613	7027	7554	7489	7217	6867	64.4	65.4	8.6	84.7	-4.0	87.6	84.7	-3.4	85.8	85.9	<b>92.2</b>																																																																																																																																																																																																																		
	6519	6296	6140	6041	5951	5889	5868	5855	5856	5888	5949	5979	5963	5922	5860	5804	5781	5832	48.4	62.9	10.0	83.4	-29.2	80.9	83.4	-28.5	79.1	84.1	<b>109.8</b>																																																																																																																																																																																																																		
<b>j50g</b>	329	295	288	278	267	268	290	336	430	728	1633	3366	5169	6147	6193	5705	5079	4434	26.7	40.9	9.9	70.1	-43.6	58.5	70.1	-43.1	56.8	71.3	<b>127.2</b>																																																																																																																																																																																																																		
	3856	3481	3257	3124	3009	2919	2877	2851	2841	2877	2953	3004	2989	2938	2853	2770	2749	2819	26.7	40.9	9.9	70.1	-43.6	58.5	70.1	-43.1	56.8	71.3	<b>127.2</b>																																																																																																																																																																																																																		
<b>j75g</b>	206	208	209	201	194	199	220	264	361	659	1570	3245	4825	5462	5199	4482	3681	2908	14.2	27.6	8.7	59.5	-59.9	43.8	59.5	-59.6	42.1	73.0	<b>144.7</b>																																																																																																																																																																																																																		
	2252	1839	1612	1481	1370	1285	1241	1219	1206	1238	1308	1361	1348	1302	1223	1147	1135	1197	14.2	27.6	8.7	59.5	-59.9	43.8	59.5	-59.6	42.1	73.0	<b>144.7</b>																																																																																																																																																																																																																		
<b>g00b=G</b>	372	439	557	656	690	753	879	1038	1253	1711	2721	4167	5229	5414	4928	4128	3304	2544	13.7	25.8	17.1	57.9	-55.8	19.4	57.9	-55.5	17.8	58.3	<b>162.2</b>																																																																																																																																																																																																																		
	1926	1556	1360	1250	1159	1091	1056	1036	1026	1047	1099	1139	1128	1091	1030	974	964	1018	13.7	25.8	17.1	57.9	-55.8	19.4	57.9	-55.5	17.8	58.3	<b>162.2</b>																																																																																																																																																																																																																		
<b>g25b</b>	685	935	1330	1697	1849	2069	2415	2745	3030	3498	4334	5309	5807	5636	5008	4155	3304	2524	16.3	26.9	33.5	58.9	-44.7	-5.8	58.9	-44.4	-7.4	45.0	<b>189.5</b>																																																																																																																																																																																																																		
	1894	1522	1325	1216	1127	1059	1025	1006	995	1015	1064	1102	1090	1056	996	942	936	988	16.3	26.9	33.5	58.9	-44.7	-5.8	58.9	-44.4	-7.4	45.0	<b>189.5</b>																																																																																																																																																																																																																		
<b>g50b</b>	581	941	1567	2203	2502	2906	3513	4037	4345	4723	5251	5700	5709	5252	4470	3529	2627	1833	13.8	22.0	44.3	54.0	-38.8	-27.4	54.0	-38.6	-29.1	48.3	<b>217.0</b>																																																																																																																																																																																																																		
	1226	887	721	636	568	521	497	484	477	490	524	552	544	520	482	450	453	491	13.8	22.0	44.3	54.0	-38.8	-27.4	54.0	-38.6	-29.1	48.3	<b>217.0</b>																																																																																																																																																																																																																		
<b>g75b</b>	493	916	1760	2706	3195	3869	4932	5798	6080	6180	6109	5866	5437	4801	3956	3000	2114	1357	13.8	18.8	57.7	50.5	-23.5	-47.1	50.5	-23.4	-48.8	54.1	<b>244.3</b>																																																																																																																																																																																																																		
	808	522	398	342	301	270	256	248	245	254	274	294	290	274	252	239	246	279	13.8	18.8	57.7	50.5	-23.5	-47.1	50.5	-23.4	-48.8	54.1	<b>244.3</b>																																																																																																																																																																																																																		
<b>b00r=B</b>	461	760	1375	2029	2365	2801	3412	3766	3710	3530	3252	2933	2617	2236	1743	1261	892	602	9.1	9.4	35.7	36.8	1.5	-46.8	36.8	1.4	-48.3	48.4	<b>271.7</b>																																																																																																																																																																																																																		
	378	273	268	334	373	369	360	353	348	360	391	417	412	389	356	328	331	365	9.1	9.4	35.7	36.8	1.5	-46.8	36.8	1.4	-48.3	48.4	<b>271.7</b>																																																																																																																																																																																																																		
<b>b25r</b>	900	1233	1754	2233	2471	2767	3108	3196	2999	2716	2378	2052	1791	1519	1187	897	715	579	12.1	9.5	30.1	37.0	23.4	-38.8	37.0	23.4	-40.4	46.7	<b>300.1</b>																																																																																																																																																																																																																		
	444	373	440	744	1083	1250	1314	1333	1341	1375	1443	1492	1482	1441	1370	1302	1290	1352	12.1	9.5	30.1	37.0	23.4	-38.8	37.0	23.4	-40.4	46.7	<b>300.1</b>																																																																																																																																																																																																																		
<b>b50r</b>	1540	1810	2181	2491	2650	2825	2982	2899	2608	2260	1882	1544	1308	1086	830	635	551	509	19.3	11.9	27.2	41.0	47.7	-27.6	41.0	47.8	-29.2	56.0	<b>328.5</b>																																																																																																																																																																																																																		
	435	392	567	1324	2358	3034	3351	3481	3537	3603	3696	3756	3746	3695	3611	3523	3505	3575	19.3	11.9	27.2	41.0	47.7	-27.6	41.0	47.8	-29.2	56.0	<b>328.5</b>																																																																																																																																																																																																																		
<b>b75r</b>	1964	1984	2059	2129	2176	2231	2243	2068	1785	1482	1176	913	739	585	422	318	303	322	32.8	16.8	19.4	48.0	74.8	-2.2	48.0	75.0	-3.8	75.1	<b>357.0</b>																																																																																																																																																																																																																		
	307	306	575	1902	4248	6405	7796	8532	8889	9051																																																																																																																																																																																																																																					