

48 step circle with equal rgb* hue steps; numbers no. of 1080 colours																																
no.	h _{ab}	L*	a*a	b*a	no.	h _{ab}	L*	a*a	b*a	no.	h _{ab}	L*	a*a	b*a	no.	h _{ab}	L*	a*a	b*a	no.	h _{ab}	L*	a*a	b*a								
648	34.9	34.5	59.4	41.5	720	92.5	84.3	-4.8	106.8	72	143.2	43.6	-62.7	46.8	80	226.7	52.2	-29.0	-30.8	8	311.8	13.4	51.1	-57.1								
657	44.1	42.3	51.9	50.4	639	93.0	83.8	-5.6	106.1	73	155.4	45.8	-61.4	28.0	71	226.9	52.2	-28.9	-30.9	89	313.0	16.0	53.3	-57.0								
666	55.7	50.6	41.1	60.5	558	98.8	79.4	-15.5	99.4	74	165.0	47.2	-57.7	15.4	62	234.1	49.9	-23.9	-33.1	170	315.3	18.9	55.9	-55.2								
675	66.6	58.4	30.3	70.3	477	107.0	72.9	-27.5	89.5	75	175.2	48.2	-52.9	4.4	53	245.8	46.3	-16.3	-36.4	251	318.9	22.1	59.2	-51.6								
684	76.7	66.4	19.1	81.2	396	115.1	66.5	-37.4	79.8	76	188.0	49.6	-46.8	-6.5	44	261.4	41.6	-6.1	-40.6	332	322.7	25.6	62.8	-47.8								
693	83.8	73.3	9.8	90.7	315	122.3	61.0	-45.3	71.5	77	203.4	50.7	-39.7	-17.2	35	279.4	35.1	7.6	-45.9	413	327.5	29.6	67.6	-43.0								
702	88.9	79.3	1.8	99.2	234	129.0	56.0	-52.1	64.1	78	217.3	51.7	-33.4	-25.5	26	293.8	28.1	22.5	-51.0	494	332.9	33.4	73.3	-37.5								
711	92.4	84.1	-4.5	106.4	153	136.4	49.8	-58.3	55.5	79	225.4	52.2	-29.7	-30.1	17	304.5	20.7	38.0	-55.2	575	336.8	36.7	77.9	-33.2								
RJGB _{ion} : 25.4, 92.3, 162.2, 271.7					RJGB _{all} : 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					LAB*Nio: 8.2, 1.1, -6.8					LAB*Wio: 92.2, 0.1, -6.1							
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																	
47	0	2	3	6	11	13	16	17	20	21	26	28	30	37	45																	
3.9	16.0	16.0	34.9	44.1	55.7	55.7	66.6	83.8	88.9	98.8	107.0	115.1	122.3	136.4	143.2	143.2	155.4	175.2	188.0	188.0	203.4	226.9	234.1	245.8	261.4	279.4	293.8	304.5	311.8	332.9	336.8	357.0
34.9	44.1	44.1	55.7	66.6	76.7	76.7	83.8	92.4	92.5	115.1	122.3	129.0	136.4	155.4	165.0	165.0	175.2	203.4	217.3	217.3	225.4	245.8	261.4	279.4	293.8	304.5	311.8	332.9	336.8	357.0	357.0	
0.497	0.784	0.286	0.885	0.959	0.338	0.728	0.124	0.706	0.102	0.972	0.872	0.572	0.593	0.2	0.264																	
650	649	649	648	657	666	666	675	693	702	558	477	396	315	153	72	72	73	75	76	76	77	71	62	53	44	35	26	332	413	652	651	
648	657	657	666	675	684	684	693	711	720	396	315	234	153	73	74	74	75	77	78	78	79	53	44	35	26	17	8	494	575	650	649	
506	505	505	504	531	558	558	585	639	666	234	711	468	225	459	216	216	217	219	220	220	221	197	170	143	116	89	62	260	503	508	507	
504	531	531	558	585	612	612	639	693	720	468	225	702	459	217	218	218	219	221	222	222	223	143	116	89	62	35	8	26	269	506	505	
16 step elementary hue circle with equal CIELAB hue steps																																
																X _t	Y _t	Z _t	L* _t	a* _t	b* _t	L* _{t,a}	a* _{t,a}	b* _{t,a}	h _{ab,t}	rgb*						
r00j	450	522	474	530	606	508	407	291	246	237	237	240	236	203	151	112	90	82	16.4	8.1	3.5	34.1	62.1	22.5	34.1	61.3	29.1	25.4	1.00	0.00	0.00	
	94	154	328	749	1570	2799	4185	5310	5959	6270	6431	6553	6731	6990	7331	7716	8080	8421														
r25j	366	386	318	321	337	264	203	141	127	139	174	245	342	405	390	338	296	279	19.7	11.2	2.1	39.9	54.9	42.5	39.9	54.1	49.1	42.1	1.00	0.25	0.00	
	311	441	745	1334	2292	3552	4838	5786	6294	6532	6657	6765	6933	7178	7504	7866	8204	8520														
r50j	419	442	364	378	406	332	265	193	181	208	282	453	759	1095	1266	1264	1208	1178	28.7	20.9	3.2	52.8	38.7	56.7	52.8	38.1	63.2	58.9	1.00	0.50	0.00	
	1254	1519	2022	2813	3864	5021	6013	6633	6936	7082	7177	7266	7414	7624	7900	8206	8479	8731														
r75j	451	461	385	397	432	359	287	216	204	246	354	617	1158	1921	2549	2824	2880	2886	39.1	34.6	4.0	65.4	20.9	73.5	65.4	20.4	79.8	75.6	1.00	0.75	0.00	
	2990	3309	3849	4596	5453	6250	6829	7135	7278	7362	7435	7513	7646	7838	8085	8360	8593	8810														
j00g	478	476	400	412	448	377	311	233	228	276	415	768	1572	2986	4723	6195	7112	7530	59.0	63.9	5.1	83.9	-4.0	99.8	83.9	-4.2	106.1	92.3	0.75	1.00	0.00	
	7667	7724	7703	7688	7681	7679	7675	7651	7649	7687	7740	7807	7923	8092	8307	8544	8741	8923														
j25g	418	446	362	374	407	338	277	208	201	248	374	697	1443	2737	4262	5381	5825	5731	30.8	41.8	4.6	70.7	-30.5	79.9	70.7	-31.0	86.2	109.7	0.50	1.00	0.00	
	5362	4919	4433	3975	3561	3205	2916	2686	2518	2416	2376	2420	2582	2897	3374	4009	4757	5626														
j50g	362	398	332	339	367	306	252	188	185	227	344	638	1305	2416	3580	4205	4172	3737	14.4	25.4	4.0	57.4	-49.8	59.7	57.4	-50.3	66.2	127.2	0.25	1.00	0.00	
	3166	2615	2102	1666	1310	1032	828	681	583	523	499	519	599	775	1079	1550	2199	3069														
j75g	300	347	308	320	354	299	247	193	189	229	338	598	1152	1982	2681	2829	2500	1976	5.6	13.6	3.7	43.6	-62.1	37.8	43.6	-62.8	44.4	144.7	0.00	1.00	0.00	
	1449	1011	667	422	260	160	103	71	54	45	41	46	56	89	170	346	686	1282														
g00b	575	746	751	924	1187	1147	1045	885	869	968	1175	1569	2196	2880	3248	3104	2631	2051	7.3	15.9	12.0	46.8	-58.3	12.3	46.8	-59.0	18.8	162.2	0.00	1.00	0.00	
	1504	1053	700	445	278	173	112	78	58	49	46	49	61	95	178	359	705	1308														
g25b	825	1190	1302	1787	2598	2752	2699	2434	2402	2511	2682	2974	3355	3648	3636	3267	2701	2089	10.2	18.2	28.3	49.7	-45.4	-14.3	49.7	-46.0	-7.7	189.5	0.00	1.00	0.50	
	1528	1072	714	457	285	177	116	81	61	51	47	51	62	98	182	364	710	1321														
g50b	966	1467	1684	2472	3864	4322	4408	4099	4061	4110	4099	4111	4133	4077	3832	3351	2745	2120	13.1	19.8	44.6	51.7	-32.9	-31.8	51.7	-33.6	-25.2	216.9	0.00	1.00	1.00	
	1555	1094	731	470	294	184	119	83	62	52	48	51	64	98	183	363	716	1315														
g75b	993	1496	1760	2615	4159	4683	4805	4450	4352	4275	4050	3790	3527	3238	2891	2465	2008	1565	12.4	15.8	46.7	46.8	-16.5	-42.6	46.8	-17.2	-36.0	244.4	0.00	0.5		