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	no.	h_{ab}	L^*	a^*_a	b^*_a
648	31.3	48.4	66.1	40.2	720	96.2	90.2	−9.6	88.2	72	152.5	55.8	−65.2	33.8	80	234.0	63.0	−30.5	−42.0	8	298.7	27.5	25.9	−47.3	656	352.9	49.5	73.5	−9.0
657	38.9	52.8	56.6	45.8	639	99.9	86.4	−14.5	83.1	73	159.5	56.7	−62.6	23.4	71	239.6	59.1	−25.0	−42.7	89	308.4	29.6	33.9	−42.8	655	357.0	49.4	72.3	−3.7
666	47.6	57.4	46.7	51.2	558	103.4	82.7	−18.9	79.4	74	167.9	57.5	−59.2	12.6	62	245.5	55.3	−19.6	−43.2	170	317.1	31.3	40.7	−37.8	654	0.8	49.2	71.2	1.0
675	58.0	62.8	35.8	57.5	477	110.3	77.5	−25.5	68.8	75	179.1	58.5	−54.5	0.7	53	253.5	50.4	−12.9	−43.9	251	322.3	35.4	44.8	−34.5	653	5.7	49.3	69.6	7.0
684	68.6	68.6	25.0	63.9	396	116.8	73.3	−31.7	62.7	76	190.2	59.3	−50.3	−9.0	44	262.6	45.7	−5.7	−44.6	332	331.5	38.3	52.6	−28.5	652	10.5	48.9	69.3	12.9
693	78.2	74.5	14.6	70.7	315	124.3	68.7	−38.8	56.7	77	201.5	60.1	−45.9	−18.1	35	272.8	40.7	2.2	−45.1	413	339.3	40.9	59.0	−22.2	651	15.6	48.9	68.2	19.1
702	85.6	80.0	5.8	76.5	234	137.9	62.4	−48.6	43.8	78	213.3	61.0	−40.8	−26.8	26	281.2	36.6	9.1	−46.0	494	343.4	44.9	63.1	−18.8	650	21.9	48.8	67.1	27.0
711	91.4	85.1	−2.0	81.8	153	145.5	59.3	−56.6	38.8	79	223.3	61.9	−36.1	−34.1	17	289.7	32.4	16.7	−46.6	575	348.2	47.4	68.2	−14.1	649	26.9	48.6	66.5	33.7

RJGB*$_{ton}$**, 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: 22.0 , 0.2 , 0.6 ***LAB*Wio:*** 96.2 , −0.8 , 2.2

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
46 1 3 4 7 10 13 14 17 19 22 25 28 32 35 40
15.6 21.9 31.3 38.9 47.6 58.0 58.0 68.6 85.6 91.4 99.9 103.4 116.8 124.3 124.3 137.9 152.5 159.5 167.9 179.1 201.5 213.3 234.0 239.6 253.5 262.6 289.7 298.7 317.1 322.3 348.2 352.9
26.9 31.3 47.6 58.0 68.6 78.2 78.2 85.6 96.2 99.9 110.3 116.8 137.9 145.5 145.5 152.5 167.9 179.1 190.2 201.5 223.3 234.0 245.5 253.5 272.8 281.2 308.4 317.1 331.5 339.3 357.0 0.8
0.711 0.373 0.076 0.722 0.18 0.921 0.212 0.897 0.321 0.943 0.363 0.796 0.894 0.15 0.68 0.999
651 650 648 657 666 675 675 684 702 711 639 558 396 315 315 234 72 73 74 75 77 78 80 71 53 44 17 8 170 251 575 656
649 648 666 675 684 693 693 702 720 639 477 396 234 153 153 72 74 75 76 77 79 80 62 53 35 26 89 170 332 413 655 654
507 506 504 531 558 585 585 612 666 693 477 234 468 225 225 702 216 217 218 219 221 222 224 197 143 116 35 8 494 17 269 512
505 504 558 585 612 639 639 666 720 477 711 468 702 459 459 216 218 219 220 221 223 224 170 143 89 62 251 494 260 503 511 510

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	1334	1117	881	729	634	604	599	608	629	590	531	565	678	701	590	497	468	417		31.3	17.3	6.6	48.7	66.5	33.0	48.7	66.7	31.7	**25.4**	**1.00 0.00 0.00**
	328	285	489	1960	4761	6931	8011	8461	8648	8744	8799	8809	8819	8821	8838	8859	8854	8871												
r25j	1241	997	748	565	451	404	389	405	459	467	455	581	898	1184	1219	1160	1140	1076		34.5	22.5	5.1	54.5	52.6	49.2	54.5	52.8	47.9	**42.1**	**1.00 0.25 0.00**
	946	860	1123	2711	5340	7236	8147	8519	8679	8762	8807	8815	8823	8823	8839	8857	8854	8873												
r50j	1399	1144	864	646	503	438	417	439	520	555	570	786	1354	2017	2325	2364	2373	2316		40.5	31.9	6.2	63.2	34.6	59.5	63.2	35.0	57.9	**58.8**	**1.00 0.50 0.00**
	2167	2056	2349	3874	6109	7614	8315	8598	8725	8791	8832	8836	8841	8838	8852	8870	8866	8879												
r75j	1583	1325	1010	743	568	490	459	488	596	663	706	1033	1913	3079	3802	4013	4086	4061		48.6	44.8	7.6	72.7	17.1	70.4	72.7	17.6	68.7	**75.5**	**1.00 0.75 0.00**
	3925	3820	4095	5365	7005	8027	8486	8673	8762	8815	8848	8844	8845	8845	8857	8875	8867	8884												
j00g	1933	1642	1262	928	702	598	550	589	746	862	953	1460	2847	4868	6383	6984	7209	7298		63.1	68.2	10.2	86.1	−4.0	85.1	86.1	−3.3	83.1	**92.3**	**0.75 1.00 0.00**
	7283	7277	7410	7891	8370	8632	8759	8819	8863	8897	8920	8914	8913	8910	8921	8937	8928	8943												
j25g	1431	1343	1125	864	658	561	526	571	735	859	961	1497	2960	5050	6461	6754	6566	6196		41.4	53.0	10.1	77.9	−25.5	71.3	77.9	−25.0	69.5	**109.8**	**0.50 1.00 0.00**
	5739	5373	5132	5013	4909	4837	4836	4854	4891	4986	5113	5177	5148	5075	4962	4870	4913	5136												
j50g	981	1029	952	764	589	512	486	534	689	808	903	1408	2791	4684	5752	5689	5168	4479		24.3	36.9	9.3	67.2	−41.3	55.3	67.2	−40.9	53.7	**127.2**	**0.25 1.00 0.00**
	3739	3173	2832	2659	2526	2435	2422	2439	2479	2590	2750	2841	2810	2720	2573	2458	2521	2802												
j75g	741	920	927	788	629	556	540	594	759	883	979	1489	2831	4540	5311	4990	4270	3413		15.0	27.7	9.8	59.6	−55.9	40.7	59.6	−55.6	39.3	**144.7**	**0.00 1.00 0.00**
	2545	1911	1551	1376	1246	1161	1150	1167	1203	1310	1469	1564	1534	1450	1310	1204	1270	1550												
g00b	758	1069	1245	1208	1083	1042	1063	1153	1344	1478	1574	2068	3307	4754	5246	4761	3937	2999		12.2	24.8	15.6	56.9	−61.8	21.1	56.9	−61.5	19.7	**162.2**	**0.00 1.00 0.00**
	2072	1406	1038	862	738	657	648	667	703	808	967	1065	1038	956	820	719	785	1066												
g25b	1060	1700	2234	2519	2531	2640	2842	3062	3307	3451	3520	3900	4748	5539	5550	4890	4008	3037		15.5	27.3	34.9	59.3	−50.9	−7.1	59.3	−50.6	−8.5	**189.5**	**0.00 1.00 0.50**
	2088	1407	1033	854	730	650	642	664	701	807	967	1064	1036	953	818	719	790	1073												
g50b	1373	2256	3197	3870	4114	4456	4943	5356	5605	5718	5732	5859	6124	6196	5779	4975	4044	3049		19.3	29.6	57.2	61.3	−39.5	−28.0	61.3	−39.2	−29.5	**216.9**	**0.00 1.00 1.00**
	2082	1389	1010	833	709	632	627	648	688	795	951	1048	1020	939	803	707	780	1060												
g75b	1370	2308	3342	4166	4552	5041	5674	6129	6216	6146	5981	5745	5428	4984	4395	3711	3016	2263		18.4	23.9	62.3	56.0	−20.9	−41.7	56.0	−20.7	−43.1	**244.3**	**0.00 0.50 1.00**
	1520	1004	771	722	678	624	624	645	683	787	940	1034	1007	928	795	700	774	1049												
b00r	997	1641	2318	2831	3084	3420	3839	4066	3973	3731	3433	3127	2803	2426	2008	1639	1323	972		11.6	12.0	39.5	41.2	1.3	−44.0	41.2	1.3	−45.0	**271.7**	**0.00 0.00 1.00**
	625	416	383	492	575	567	572	592	624	717	858	945	920	847	724	634	701	951												
b25r	758	1190	1584	1888	2053	2282	2557	2649	2460	2140	1798	1487	1199	908	641	475	380	272		7.5	5.3	24.2	27.5	27.5	−46.1	27.5	27.3	−46.9	**300.1**	**0.50 0.00 1.00**
	173	151	201	371	542	576	589	608	637	723	859	943	920	850	731	647	704	945												
b50r	1653	1836	1995	2146	2261	2436	2638	2661	2444	2100	1747	1434	1150	869	620	478	417	333		16.8	9.8	24.6	37.5	50.2	−29.6	37.5	50.1	−30.6	**328.6**	**1.00 0.00 1.00**
	236	207	329	1019	2100	2735	3010	3130	3210	3334	3495	3584	3560	3480	3345	3236	3295	3564												
b75r	2479	2279	2104	2056	2069	2149	2243	2213	2025	1729	1428	1191	990	774	571	466	440	389		33.8	17.9	20.8	49.4	72.2	−2.5	49.4	72.3	−3.7	**357.0**	**1.00 0.00 0.50**
	307	281	497	1945	4721	6889	7981	8442	8640	8739	8795	8807	8819	8823	8841	8863	8863	8881												

5 step equidistant grey scale with intended lightness: *L = 23.1 , 41.4 , 59.8 , 78.1 , 96.5**

n000w	278	301	310	314	325	333	345	351	362	372	377	385	386	386	380	372	362	354		3.5	3.6	3.8	22.5	0.2	0.7	**22.5**	0.0	0.0	310.3	**0.00 0.00 0.00**
	348	348	351	356	363	374	387	402	421	441	461	483	510	539	571	605	634	666												
n025w	1075	1124	1147	1168	1185	1203	1216	1231	1246	1252	1260	1265	1266	1262	1254	1235	1219	1202		11.4	12.1	13.4	41.4	−0.3	−0.4	**41.4**	−0.3	−1.5	258.0	**0.25 0.25 0.25**
	1189	1184	1179	1183	1188	1197	1213	1230	1251	1273	1297	1323	1348	1378	1412	1450	1483	1515												
n050w	2474	2593	2650	2698	2737	2769	2795	2820	2845	2853	2861	2869	2870	2864	2853	2826	2803	2779		26.3	27.8	30.6	59.7	−0.6	−0.4	**59.7**	−0.3	−1.9	259.7	**0.50 0.50 0.50**
	2755	2748	2735	2734	2734	2745	2762	2778	2801	2828	2855	2876	2902	2930	2963	3001	3032	3063												
n075w	4596	4836	4968	5078	5154	5221	5281	5328	5374	5390	5406	5421	5428	5429	5425	5397	5375	5349		50.5	53.5	57.9	78.1	−0.8	0.2	**78.1**	−0.2	−1.5	262.1	**0.75 0.75 0.75**
	5317	5315	5298	5293	5290	5297	5317	5335	5362	5392	5417	5430	5447	5469	5495	5532	5548	5579												
n100w	7373	7809	8067	8301	8459	8596	8717	8817	8905	8946	8987	9026	9060	9088	9119	9111	9120	9115		86.0	91.0	95.9	96.4	−0.8	2.1	**96.4**	0.0	−0.1	296.3	**1.00 1.00 1.00**
	9099	9125	9110	9110	9103	9113	9140	9155	9182	9208	9226	9214	9208	9204	9208	9226	9210	9229												