

48 step circle with interpretation *rgb -> olv** device hue steps of 1080 standard colours

<i>rgb -> olv*</i>	<i>h_{ab,a} L*</i>	<i>a*</i>	<i>b*</i>	<i>rgb -> olv*</i>	<i>h_{ab,a} L*</i>	<i>a*</i>	<i>b*</i>	<i>rgb -> olv*</i>	<i>h_{ab,a} L*</i>	<i>a*</i>	<i>b*</i>	<i>rgb -> olv*</i>	<i>h_{ab,a} L*</i>	<i>a*</i>	<i>b*</i>	<i>rgb -> olv*</i>	<i>h_{ab,a} L*</i>	<i>a*</i>	<i>b*</i>
1.0 0.0 0.0	40.0	50.4	76.9	64.5	1.0 1.0 0.0	102.8	92.6	-20.7	90.7	0.0 1.0 0.0	136.0	83.6	-82.7	79.8	0.0 1.0 1.0	196.3	86.8	-46.1	-13.5
1.0 0.12 0.0	41.3	51.5	73.9	64.9	0.87 1.0 0.0	110.5	90.4	-33.1	88.1	0.0 1.0 0.12	137.0	83.6	-82.1	76.6	0.12 0.0 1.0	306.6	31.0	76.2	-102.4
1.0 0.25 0.0	44.6	54.0	66.7	65.9	0.75 1.0 0.0	117.6	88.5	-44.9	85.8	0.0 1.0 0.25	139.3	83.8	-80.5	69.1	0.25 0.0 1.0	307.5	32.6	76.8	-99.8
1.0 0.37 0.0	50.7	58.2	55.4	67.9	0.62 1.0 0.0	123.6	86.9	-55.8	83.9	0.0 1.0 0.37	143.2	84.0	-77.8	58.1	0.37 0.0 1.0	309.2	35.1	77.9	-95.5
1.0 0.5 0.0	59.7	63.6	41.3	71.0	0.5 1.0 0.0	128.3	85.7	-65.2	82.4	0.0 1.0 0.5	148.6	84.3	-73.7	44.9	0.5 0.0 1.0	311.6	38.5	79.8	-89.7
1.0 0.62 0.0	71.0	70.1	25.7	75.0	0.37 1.0 0.0	131.8	84.7	-72.8	81.2	0.0 1.0 0.62	155.8	84.7	-68.5	30.6	0.62 0.0 1.0	314.8	42.7	82.5	-82.7
1.0 0.75 0.0	82.9	77.2	9.8	79.7	0.25 1.0 0.0	134.1	84.1	-78.2	80.5	0.0 1.0 0.75	165.6	85.3	-62.0	15.9	0.75 0.0 1.0	318.8	47.2	85.8	-75.1
1.0 0.87 0.0	93.8	84.8	-5.7	85.0	0.12 1.0 0.0	135.5	83.7	-81.4	80.0	0.0 1.0 0.87	178.8	86.0	-54.5	1.0	0.87 0.0 1.0	323.3	52.1	89.8	-66.9

R_{IGB}_{ton}: 25.4, 92.3, 162.2, 271.7 R_{IGB}_{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: 0.0, 0.0, 0.0 LAB*Wio: 95.4, 0.0, 0.0

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
45	1	3	5	6	8	11	14	17	21	25	29	34	40	43	48
2.9 15.2	40.0 41.3	44.6 50.7	59.7 71.0	71.0 82.9	93.8 102.8	110.5 117.6	128.3 131.8	148.6 155.8	165.6 178.8	178.8 196.3	196.3 219.8	247.2 269.8	285.0 294.8	323.3 328.2	341.6 351.4
26.7 35.4	44.6 50.7	59.7 71.0	82.9 93.8	93.8 102.8	110.5 117.6	128.3 131.8	148.6 155.8	165.6 178.8	178.8 196.3	196.3 219.8	247.2 269.8	285.0 294.8	301.1 304.8	334.0 341.6	2.9 15.2
0.892	0.259	0.9	0.383	0.855	0.897	0.768	0.279	0.649	0.613	0.878	0.894	0.124	0.838	0.064	0.488
652 651	648 657	666 675	684 693	693 702	711 720	711 720	558 477	74 75	76 77	79 80	80 71	62 53	44 35	575 656	654 653
650 649	666 675	684 693	702 711	711 720	639 558	396 315	76 77	78 79	80 71	71 62	62 53	44 35	26 17	655 654	652 651
508 507	504 531	558 585	612 639	639 666	693 720	234 711	218 219	220 221	222 223	223 224	224 197	170 143	116 89	269 512	510 509
506 505	558 585	612 639	666 693	693 720	477 234	468 225	220 221	222 223	224 197	197 170	170 143	116 89	62 35	511 510	508 507

16 step elementary hue circle with intended elementary hues: *h_{ab,a}* = 25.4, 92.3, 162.2, 271.7

Code	iton	index	X	Y	Z	x	y	L*	a*	b*	L*a	a*a	b*a	C* _{ab,a}	h _{ab,a}	rgb -> olv*	X	Y	Z	x	y	L*	a*	b*	L*a	a*a	b*a	C* _{ab,a}	h _{ab,a}	rgb -> rgb*
r00j=R	651	507	38.3	19.5	11.4	0.5520	552	51.3	79.2	21.6	51.3	79.2	21.6	82.1	15.2	1.0, 0.0, 0.37	37.4	19.1	6.5	0.592	0.303	50.9	78.1	37.1	50.9	78.1	37.1	86.4	25.4	1.00 0.00 0.00
	650	506	37.3	19.1	5.9	0.5970	597	50.8	77.9	39.2	50.8	77.9	39.2	87.2	26.7	1.0, 0.0, 0.25														
	657	531	36.9	19.7	1.8	0.6310	631	51.5	73.9	64.9	51.5	73.9	64.9	98.3	41.3	1.0, 0.12, 0.0														
r25j	666	558	38.1	22.0	2.2	0.6101	61	54.0	66.7	65.9	54.0	66.7	65.9	93.8	44.6	1.0, 0.25, 0.0	37.2	20.3	1.9	0.625	0.341	52.2	71.9	65.2	52.2	71.9	65.2	97.1	42.1	1.00 0.25 0.00
	675	585	40.2	26.1	2.9	0.5790	579	58.2	55.4	67.9	58.2	55.4	67.9	87.7	50.7	1.0, 0.37, 0.0														
r50j	684	612	43.3	32.3	3.9	0.5430	543	63.6	41.3	71.0	63.6	41.3	71.0	82.2	59.7	1.0, 0.5, 0.0	42.9	31.7	3.8	0.546	0.403	63.1	42.7	70.7	63.1	42.7	70.7	82.6	58.8	1.00 0.50 0.00
	693	639	47.5	40.9	5.3	0.5060	506	70.1	25.7	75.0	70.1	25.7	75.0	79.3	71.0	1.0, 0.62, 0.0														
r75j	702	666	53.0	51.9	7.2	0.4720	472	77.2	9.8	79.7	77.2	9.8	79.7	80.4	82.9	1.0, 0.75, 0.0	49.5	44.7	6.0	0.493	0.446	72.7	19.7	76.7	72.7	19.7	76.7	79.2	75.5	1.00 0.75 0.00
	j00g=J	702	666	53.0	51.9	7.2	0.4720	472	77.2	9.8	79.7	77.2	9.8	79.7	80.4	82.9														
j25g	711	693	59.9	65.6	9.5	0.4430	443	84.8	-5.7	85.0	84.8	-5.7	85.0	85.2	93.8	1.0, 0.87, 0.0	58.8	63.3	9.1	0.447	0.482	83.6	-3.4	84.2	83.6	-3.4	84.2	84.3	92.3	1.00 1.00 0.00
	j50g	720	720	68.2	82.1	12.2	0.4190	419	92.6	-20.7	90.7	92.6	-20.7	90.7	93.0	102.8														
j75g	639	477	58.6	77.2	11.8	0.3970	397	90.4	-33.1	88.1	90.4	-33.1	88.1	94.1	110.5	0.87, 1.0, 0.0	59.9	78.1	11.9	0.399	0.521	90.8	-31.8	88.5	90.8	-31.8	88.5	94.0	109.7	0.75 1.00 0.00
	j50g	477	711	44.4	69.9	11.1	0.3530	353	86.9	-55.8	83.9	86.9	-55.8	83.9	100.7	123.6														
g00b=G	396	468	39.4	67.3	10.9	0.3350	335	85.7	-65.2	82.4	85.7	-65.2	82.4	105.1	128.3	0.5, 1.0, 0.0	40.6	67.9	10.9	0.339	0.568	85.9	-63.0	82.7	85.9	-63.0	82.7	104.0	127.2	0.50 1.00 0.00
	j75g	75	219	33.5	64.1	20.3	0.2840	284	84.0	-77.8	58.1	84.0	-77.8	58.1	97.1	143.2														
g25b	76	220	35.0	64.7	28.5	0.2730	273	84.3	-73.7	44.9	84.3	-73.7	44.9	86.4	148.6	0.0, 1.0, 0.5	33.9	64.2	22.6	0.281	0.531	84.1	-76.6	54.1	84.1	-76.6	54.1	93.8	144.7	0.25 1.00 0.00
	g00b=G	77	221	37.2	65.5	39.8	0.2602	60	84.7	-68.5	30.6	84.7	-68.5	30.6	75.0	155.8														
g50b	78	222	40.0	66.7	54.5	0.2480	248	85.3	-62.0	15.9	85.3	-62.0	15.9	64.0	165.6	0.0, 1.0, 0.75	39.0	66.3	49.5	0.252	0.428	85.1	-64.2	20.5	85.1	-64.2	20.5	67.4	162.2	0.00 1.00 0.00
	g25b	79	223	43.4	68.0	72.7	0.2350	235	86.0	-54.5	1.0	86.0	-54.5	1.0	54.5	178.8														
g75b	80	224	47.6	69.7	94.7	0.2240	224	86.8	-46.1	-13.5	86.8	-46.1	-13.5	48.1	196.3	0.0, 1.0, 1.0	46.9	70.3	88.0	0.228	0.342	87.1	-49.5	-8.4	87.1	-49.5	-8.4	50.2	189.6	0.00 1.00 0.50
	g50b	80	224	47.6	69.7	94.7	0.2240	224	86.8	-46.1	-13.5	86.8	-46.1	-13.5	48.1	196.3														
b00r=B	71	197	39.3	53.2	91.9	0.2130	213	77.9	-32.3	-27.0	77.9	-32.3	-27.0	42.1	219.8	0.0, 0.87, 1.0	40.4	55.1	92.7	0.214	0.292	79.1	-33.9	-25.6	79.1	-33.9	-25.6	42.5	217.0	0.00 1.00 1.00
	g75b	71	197	39.3	53.2	91.9	0.2130	213	77.9	-32.3	-27.0	77.9	-32.3	-27.0	42.1	219.8														
b25r	62	170	32.5	39.5	89.7	0.2010	201	69.1	-17.0	-40.7	69.1	-17.0	-40.7	44.1	247.2	0.0, 0.75, 1.0	33.2	40.9	89.9	0.202	0.249	70.1	-18.8	-39.1	70.1	-18.8	-39.1	43.4	244.2	0.00 0.50 1.00
	b00r=B	53	143	27.0	28.4	87.8	0.1880	188	60.3	-0.1	-54.6	60.3	-0.1	-54.6	54.6	269.8														
b50r	44	116	22.7	19.9	86.4	0.1760	176	51.7	18.3	-68.3	51.7	18.3	-68.3	70.7	285.0	0.0, 0.5, 1.0	26.5	27.4	87.7	0.187	0.193	59.3	1.7	-56.0	59.3	1.7	-56.0	56.1	271.7	0.00 0.00 1.00
	b25r	35	89	19.6	13.7	85.4	0.1650	165	43.8	37.6	-81.2	43.8	37.6	-81.2	89.5	294.8														
b75r	26	62	17.6	9.6	84.7	0.1570	157	37.1	55.9	-92.3	37.1	55.9	-92.3	107.9	301.1	0.0, 0.25, 1.0	17.9	10.2	84.8	0.158	0.09	38.3	52.5	-90.3	38.3	52.5	-90.3	104.4	300.1	0.50 0.00 1.00
	b50r	656	512	52.5	25.2	85.9	0.3202	32	57.2	94.3	-58.4	57.2	94.3	-58.4	110.9	328.2														
b75r	655	511	48.3	23.5	63.9	0.3550	355	55.6	90.3	-43.9	55.6	90.3	-43.9	100.4	334.0	1.0, 0.0, 0.87	52.5	25.2	84.6	0.323	0.155	57.3	94.2	-57.4	57.3	94.2	-57.4	110.4	328.6	1.00 0.00 1.00
	653	509	42.1	21.0	31.0	0.4460	446	53.0	83.6	-12.6	53.0	83.6	-12.6	84.6	351.4	1.0, 0.0, 0.62														
	652	508	39.9	20.2	19.7	0.5050	50	52.0	81.1	41.1	52.0	81.1	41.1	81.2	2.9	1.0, 0.0, 0.5														