

48 step circle with interpretation $r_{gb} \rightarrow olv^*$ device hues of 1080 standard colours

$r_{gb} \rightarrow olv^*$	$h_{ab} L^*$	a^*	b^*	$r_{gb} \rightarrow olv^*$	$h_{ab} L^*$	a^*	b^*	$r_{gb} \rightarrow olv^*$	$h_{ab} L^*$	a^*	b^*	$r_{gb} \rightarrow olv^*$	$h_{ab} L^*$	a^*	b^*	$r_{gb} \rightarrow olv^*$	$h_{ab} L^*$	a^*	b^*
1.00.0.0.0	40.0	50.4	76.9	64.5	1.0.1.0.0	10.2	92.6	-20.7	90.7	0.0.1.0.0	136.0	83.6	-82.7	79.8	0.0.1.0.0	196.3	96.8	-46.1	-13.5
1.0.0.12.0	41.3	51.5	73.9	64.9	0.0.1.0.0	105.0	96.4	-33.1	88.1	0.0.1.0.0	137.0	83.6	-82.1	76.6	0.0.0.1.0	219.8	79.9	-32.3	-27.0
1.0.0.25.0	44.6	54.0	66.7	65.3	0.0.1.0.0	117.0	85.8	-34.0	83.8	0.0.1.0.0	140.0	83.6	-82.0	75.0	0.0.0.1.0	247.2	69.1	-17.0	-40.7
1.0.0.37.0	50.7	58.2	57.5	67.9	0.0.1.0.0	123.6	86.9	-35.8	83.9	0.0.1.0.0	143.2	84.0	-77.8	58.1	0.0.0.62.1	269.8	60.3	-0.1	-54.6
1.0.0.50.0	59.7	63.6	41.3	71.0	0.0.1.0.0	128.3	85.7	-36.5	82.4	0.0.1.0.0	148.6	84.3	-73.7	44.9	0.0.0.51.0	285.0	51.7	18.3	-68.3
1.0.0.62.0	71.0	70.1	25.7	75.0	0.0.1.0.0	131.8	84.7	-37.8	81.2	0.0.0.62.1	155.8	84.7	-68.5	30.6	0.0.0.37.0	294.8	43.8	37.6	-81.2
1.0.0.75.0	82.9	77.7	9.8	79.7	0.0.1.0.0	134.1	84.1	-38.0	80.5	0.0.0.62.1	165.8	84.7	-62.0	15.9	0.0.0.25.0	301.1	37.1	55.9	-92.3
1.0.0.87.0	93.8	84.8	-5.7	85.0	0.0.1.0.0	135.8	83.7	-38.1	80.0	0.0.0.62.1	178.8	86.0	-54.5	1.0	0.0.0.12.0	304.8	32.4	69.5	-100.0

$r_{gb} \rightarrow olv^*$	$h_{ab} L^*$	a^*	b^*	$r_{gb} \rightarrow olv^*$	$h_{ab} L^*$	a^*	b^*	$r_{gb} \rightarrow olv^*$	$h_{ab} L^*$	a^*	b^*	$r_{gb} \rightarrow olv^*$	$h_{ab} L^*$	a^*	b^*	$r_{gb} \rightarrow olv^*$	$h_{ab} L^*$	a^*	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	LAB¹Nie: 0.0, 0.0	LAB²Wio: 95.4, 0.0	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			357.0	
29.15.2	40.0	41.3	44.6	50.7	59.7	71.0	82.9	93.8	105.0	117.0	128.3	139.3	143.2	148.6	155.8	165.8	178.8	189.6	196.3
44.5	50.7	57.1	62.9	69.3	75.6	82.9	89.3	95.6	102.0	108.3	114.6	120.9	127.2	133.5	139.8	146.1	152.4	158.7	165.0
0.892	0.259	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
652.651	648.657	666.675	666.675	684.693	684.693	702.711	702.711	720.727	720.727	738.753	738.753	756.771	756.771	774.789	774.789	792.807	792.807	810.825	810.825
650.649	666.675	684.693	684.693	702.711	702.711	720.727	720.727	738.753	738.753	756.771	756.771	774.789	774.789	792.807	792.807	810.825	810.825	828.843	828.843
508.507	504.531	558.638	558.638	612.689	612.689	666.693	666.693	720.727	720.727	774.789	774.789	828.843	828.843	882.855	882.855	936.867	936.867	990.879	990.879
506.505	558.585	612.689	612.689	666.693	666.693	720.727	720.727	774.789	774.789	828.843	828.843	882.855	882.855	936.867	936.867	990.879	990.879	1044.891	1044.891

16 step elementary hue circle with intended elementary hues $L^* = 25.4$, 92.3, 162.2, 271.7

16 step experimental hue circle with intended elementary hues: $h_{160}, 42, 92.5, 162.2, 271.7$																															
Code	item	index	X	Y	Z	x	y	L*	a*	b*	C _a	b _a	r _{gb} → olv*	X	Y	Z	x	y	L*	a*	b*	L _a	a _a	b _a	C _a	b _a	r _{gb} → r _{gb} *				
r00j=R	651	507	38.3	19.1	5.1	0.5520	0.552	51.3	79.2	21.6	51.3	79.2	21.6	82.1	15.2	1.00, 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, 0.0, 0.00	
	650	506	37.3	19.1	5.9	0.5970	0.597	50.8	77.9	39.2	50.8	77.9	39.2	82.7	26.7	1.00, 0.0, 0.25	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	
	657	531	36.9	19.7	1.8	0.6310	0.631	51.5	73.9	64.9	51.5	73.9	64.9	98.3	41.3	1.0, 0.12, 0.0															
	666	558	38.1	22.0	2.2	0.6101	0.610	54.0	66.7	65.9	54.0	66.7	65.9	93.8	44.6	1.00, 0.25, 0.00															
r50j	675	585	40.2	26.1	2.9	0.5760	0.579	58.2	55.4	67.9	58.2	55.4	67.9	87.7	50.7	1.0, 0.37, 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	
	684	613	43.3	31.2	3.8	0.5401	0.543	61.3	42.9	75.0	61.3	42.9	75.0	93.2	47.2	1.00, 0.62, 0.00	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	0.506	50.1	25.7	75.0	25.7	75.0	25.7	93.8	71.0	1.00, 0.62, 0.00															
	702	666	53.0	51.9	7.2	0.4720	0.472	77.2	9.8	79.7	77.2	9.8	79.7	80.4	82.9	1.00, 0.75, 0.00	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	
j00j=G	720	666	53.0	51.9	7.2	0.4720	0.472	77.2	9.8	79.7	77.2	9.8	79.7	80.4	82.9	1.00, 0.75, 0.00															
	711	693	59.9	65.6	9.5	0.4430	0.443	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	
	720	682	58.2	64.1	10.9	0.4190	0.419	87.2	-20.7	89.0	87.2	-20.7	89.0	92.6	93.2	1.0, 1.0, 0.0															
	739	647	58.6	77.2	11.8	0.3970	0.397	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	
j50j	747	711	44.4	69.9	11.1	0.3530	0.353	86.9	-55.8	83.9	86.9	-55.8	83.9	90.7	123.6	0.62, 1.0, 0.0															
	396	468	39.4	67.3	10.9	0.3350	0.335	85.7	-65.2	82.4	85.7	-65.2	82.4	91.1	128.3	0.5, 1.0, 0.0	40.6	67.9	10.9	0.399	0.568	85.9	-63.0	82.7	85.9	-63.0	82.7	104.0	127.2	0.50, 1.00, 0.00	
	419	435	44.1	64.1	10.9	0.2860	0.286	84.0	-77.8	81.9	84.0	-77.8	81.9	84.0	93.2	1.0, 0.5, 0.0															
	776	720	35.0	64.7	28.5	0.2720	0.273	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	777	221	37.2	65.5	39.8	0.2602	0.260	84.7	-68.5	30.6	84.7	-68.5	30.6	75.0	155.8	0.0, 1.0, 0.62															
	778	222	40.0	66.7	54.5	0.2480	0.248	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	
	779	223	43.4	68.0	72.7	0.2350	0.235	86.0	-54.5	1.0	86.0	-54.5	1.0	54.5	178.8	0.0, 1.0, 0.87															
	780	224	47.6	69.7	94.7	0.2120	0.212	86.8	-46.1	-13.5	86.8	-46.1	-13.5	46.1	182.2	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	800	224	47.6	69.7	94.7	0.2120	0.212	86.8	-46.1	-13.5	86.8	-46.1	-13.5	46.1	182.2	0.0, 1.0, 1.0															
	771	197	39.3	53.2	91.9	0.2130	0.213	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	
	772	197	39.3	53.2	91.9	0.2130	0.213	77.9	-32.3	-27.0	77.9	-32.3	-27.0	44.1	219.8	0.0, 0.87, 1.0															
	773	32.5	95.9	81.9	0.2102	0.210	69.1	-17.3	-27.0	69.1	-17.3	-27.0	44.1	219.8	0.0, 0.87, 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		
b00B-R	53	143	27.0	28.4	87.8	0.1880	0.188	60.3	-0.1	-54.6	60.3	-0.1	-54.6	54.6	269.8	0.0, 0.62, 1.0															
	44	116	22.7	19.9	86.4	0.1760	0.176	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	
	55	89	19.6	13.7	85.4	0.1650	0.165	43.8	37.6	-81.2	43.8	37.6	-81.2	89.3	294.8	0.0, 0.37, 1.0															
	62	107	32.5	95.9	81.9	0.2102	0.210	69.1	-17.3	-27.0	69.1	-17.3	-27.0	44.1	219.8	0.0, 0.87, 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	525	525	65.2	52.5	94.3	0.3300	0.330	52.2	94.3	-58.4	52.2	94.3	-58.4	57.2	188.2	1.0, 1.0, 1.0															
	655	511	48.3	23.5	63.9	0.3550	0.355	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	0.446	53.0	83.6	-12.6	84.6	53.0	83.6	-12.6	84.6	314.0	0.0, 0.0, 0.62														

5 step equidistant grey scale with intended lightness: $L^* = 0.0, 23.8, 47.7, 71.5, 95.4$

$r_{gb} \rightarrow olv^*$	$h_{ab} L^*$	a^*	b^*	$r_{gb} \rightarrow olv^*$	$h_{ab} L^*$	a^*	b^*	$r_{gb} \rightarrow olv^*$	$h_{ab} L^*$	a^*	b^*	$r_{gb} \rightarrow olv^*$	$h_{ab} L^*$	a^*	b^*	$r_{gb} \rightarrow olv^*$	$h_{ab} L^*$	a^*	b^*
n000=N	999	999	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
n025W	1000	1000	1.2	1.2	1.3	0.312	0.312	11.0	0.0	0.0	11.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
n050W	1001	1001	4.2	4.5	4.9	0.312	0.312	25.2	0.0	0.0	25.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
n075W	1002	1002	9.7	10.2	11.1	0.312	0.312	38.3	0.0	0.0	38.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
n100=W	1003	1003	18.0	18.5	20.6	0.312	0.312	51.3	0.0	0.0	51.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	1004	1004	29.3	30.8	33.6	0.312	0.312	64.4	0.0	0.0	64.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	1005	1005	43.9	46.2	50.4	0.312	0.312	77.3	0.0	0.0	77.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	1006	1006	84.1	88.5	96.4	0.312	0.312	95.4	0.0	0.0	95.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	1007	1007	84.1	88.5	96.4	0.312	0.312	95.4	0.0	0.0	95.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0