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$rgb^{*}_{\lambda,ab}$ and CIE data of a elementary hue circle according to CIE RI-47 for Ostwald colours for CIE Illuminant D65
 $Y_{xy}, a_{CIE}, b_{CIE}, LabC^{*}_{\lambda,ab}$ data for relative spacing of elementary hue h_{ab} of CIELAB for CIE 2 degree observer

Elementary hue circle with 4 interrelated elementary hue angles: $h_{ab} = 25.6, 82.4, 162.1, 271.5$ and 16 internd hue angles:

25.6 42.3 59.0 75.7 92.4 109.8 127.2 144.7 161.6 189.4 216.8 244.1 271.5 300.0 328.5 357.1

CIELAB data of CIE test colour 9 (R): 40.0 58.9 23.8, 11 (G): 81.3 -30.7 18.1, 11 (G): 52.2 -42.3 10.2, 12 (B): 30.5 12 -46.3

Y_{xy}	x	y	a	b	$C_{\lambda,ab}$	A	B	$C_{\lambda,ab}$	h_{ab}	L^{*}	a^{*}	b^{*}	$C^{*}_{\lambda,ab}$	h^{*}_{ab}	$rgb^{*}_{\lambda,ab}$	$Code_{\lambda,ab}$
000	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	% R90Y
001	41.5	0.71	0.371	1.053	-0.261	0.680	24.5	15.5	29.0	32.5	70.3	70.3	70.3	70.3	25.4	1.00 0.00 0.00 % R90Y
002	41.5	0.71	0.371	1.053	-0.261	0.680	24.5	15.5	29.0	32.5	70.3	70.3	70.3	70.3	25.4	1.00 0.25 0.00 % R90Y
003	41.5	0.71	0.371	1.053	-0.261	0.680	24.5	15.5	29.0	32.5	70.3	70.3	70.3	70.3	25.4	1.00 0.50 0.00 % R90Y
004	39.0	0.54	0.396	1.407	-0.001	0.684	23.1	17.5	29.0	37.1	70.3	62.1	106.5	124.1	68.0	1.00 0.50 0.50 % R90Y
005	39.0	0.54	0.396	1.407	-0.001	0.684	23.1	17.5	29.0	37.1	70.3	62.1	106.5	124.1	68.0	1.00 0.75 0.00 % R90Y
006	39.0	0.54	0.396	1.407	-0.001	0.684	23.1	17.5	29.0	37.1	70.3	62.1	106.5	124.1	68.0	1.00 1.00 0.00 % R90Y
007	39.0	0.54	0.396	1.407	-0.001	0.684	23.1	17.5	29.0	37.1	70.3	62.1	106.5	124.1	68.0	1.00 1.00 0.50 % R90Y
008	39.0	0.54	0.396	1.407	-0.001	0.684	23.1	17.5	29.0	37.1	70.3	62.1	106.5	124.1	68.0	1.00 1.00 1.00 % R90Y
009	36.5	0.40	0.552	0.735	-0.403	0.450	-19.2	36.3	41.1	117.9	95.0	-89.9	113.6	120.0	97.5	1.00 0.00 0.00 % Y95G
010	36.5	0.40	0.552	0.735	-0.403	0.450	-19.2	36.3	41.1	117.9	95.0	-89.9	113.6	120.0	97.5	1.00 0.00 0.50 % Y95G
011	36.5	0.40	0.552	0.735	-0.403	0.450	-19.2	36.3	41.1	117.9	95.0	-89.9	113.6	120.0	97.5	1.00 0.00 1.00 % Y95G
012	36.5	0.40	0.552	0.735	-0.403	0.450	-19.2	36.3	41.1	117.9	95.0	-89.9	113.6	120.0	97.5	1.00 0.50 0.00 % Y95G
013	36.5	0.40	0.552	0.735	-0.403	0.450	-19.2	36.3	41.1	117.9	95.0	-89.9	113.6	120.0	97.5	1.00 0.50 0.50 % Y95G
014	36.5	0.40	0.552	0.735	-0.403	0.450	-19.2	36.3	41.1	117.9	95.0	-89.9	113.6	120.0	97.5	1.00 0.50 1.00 % Y95G
015	36.5	0.40	0.552	0.735	-0.403	0.450	-19.2	36.3	41.1	117.9	95.0	-89.9	113.6	120.0	97.5	1.00 1.00 0.00 % Y95G
016	36.5	0.40	0.552	0.735	-0.403	0.450	-19.2	36.3	41.1	117.9	95.0	-89.9	113.6	120.0	97.5	1.00 1.00 0.50 % Y95G
017	36.5	0.40	0.552	0.735	-0.403	0.450	-19.2	36.3	41.1	117.9	95.0	-89.9	113.6	120.0	97.5	1.00 1.00 1.00 % Y95G
018	36.5	0.40	0.552	0.735	-0.403	0.450	-19.2	36.3	41.1	117.9	95.0	-89.9	113.6	120.0	97.5	1.00 1.00 0.00 % Y95G
019	36.5	0.40	0.552	0.735	-0.403	0.450	-19.2	36.3	41.1	117.9	95.0	-89.9	113.6	120.0	97.5	1.00 1.00 0.50 % Y95G
020	36.5	0.40	0.552	0.735	-0.403	0.450	-19.2	36.3	41.1	117.9	95.0	-89.9	113.6	120.0	97.5	1.00 1.00 1.00 % Y95G
021	36.5	0.40	0.552	0.735	-0.403	0.450	-19.2	36.3	41.1	117.9	95.0	-89.9	113.6	120.0	97.5	1.00 1.00 0.00 % Y95G
022	36.5	0.40	0.552	0.735	-0.403	0.450	-19.2	36.3	41.1	117.9	95.0	-89.9	113.6	120.0	97.5	1.00 1.00 0.50 % Y95G
023	36.5	0.40	0.552	0.735	-0.403	0.450	-19.2	36.3	41.1	117.9	95.0	-89.9	113.6	120.0	97.5	1.00 1.00 1.00 % Y95G
024	36.5	0.40	0.552	0.735	-0.403	0.450	-19.2	36.3	41.1	117.9	95.0	-89.9	113.6	120.0	97.5	1.00 1.00 0.00 % Y95G
025	36.5	0.40	0.552	0.735	-0.403	0.450	-19.2	36.3	41.1	117.9	95.0	-89.9	113.6	120.0	97.5	1.00 1.00 0.50 % Y95G
026	36.5	0.40	0.552	0.735	-0.403	0.450	-19.2	36.3	41.1	117.9	95.0	-89.9	113.6	120.0	97.5	1.00 1.00 1.00 % Y95G
027	36.5	0.40	0.552	0.735	-0.403	0.450	-19.2	36.3	41.1	117.9	95.0	-89.9	113.6	120.0	97.5	1.00 1.00 0.00 % Y95G
028	36.5	0.40	0.552	0.735	-0.403	0.450	-19.2	36.3	41.1	117.9	95.0	-89.9	113.6	120.0	97.5	1.00 1.00 0.50 % Y95G
029	36.5	0.40	0.552	0.735	-0.403	0.450	-19.2	36.3	41.1	117.9	95.0	-89.9	113.6	120.0	97.5	1.00 1.00 1.00 % Y95G
030	36.5	0.40	0.552	0.735	-0.403	0.450	-19.2	36.3	41.1	117.9	95.0	-89.9	113.6	120.0	97.5	1.00 1.00 0.00 % Y95G
031	36.5	0.40	0.552	0.735	-0.403	0.450	-19.2	36.3	41.1	117.9	95.0	-89.9	113.6	120.0	97.5	1.00 1.00 0.50 % Y95G
032	36.5	0.40	0.552	0.735	-0.403	0.450	-19.2	36.3	41.1	117.9	95.0	-89.9	113.6	120.0	97.5	1.00 1.00 1.00 % Y95G
033	36.5	0.40	0.552	0.735	-0.403	0.450	-19.2	36.3	41.1	117.9	95.0	-89.9	113.6	120.0	97.5	1.00 1.00 0.00 % Y95G
034	36.5	0.40	0.552	0.735	-0.403	0.450	-19.2	36.3	41.1	117.9	95.0	-89.9	113.6	120.0	97.5	1.00 1.00 0.50 % Y95G
035	36.5	0.40	0.552	0.735	-0.403	0.450	-19.2	36.3	41.1	117.9	95.0	-89.9	113.6	120.0	97.5	1.00 1.00 1.00 % Y95G
036	41.5	0.71	0.371	1.053	-0.261	0.680	24.5	15.5	29.0	32.5	70.3	70.3	70.3	70.3	25.4	1.00 0.00 0.00 % Y95G

CIEXYZ data of CIE test colour 9 (R): 20.6 11.2 4.3, 11 (G): 54.8 59.0 12.0, 11 (G): 12.3 15.3 10.3, 12 (B): 6.2 4.4 27.6

5 step equidistant grey scale with interrelated hues: $L^{*} = 0.0, 25.0, 50.0, 75.0, 100.0$

Yxy	x	y	a	b	C _{λ,ab}	A	B	C _{λ,ab}	h _{ab}	L*	a*	b*	C [*] _{λ,ab}	h [*] _{ab}	rgb [*] _{λ,ab}	Code _{λ,ab}
000	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	0.00 0.00 0.00 % N90M
001	4.4	0.312	0.329	0.95	-0.435	0.01	0.0	0.0	0.0	77.1	25.0	0.0	0.0	0.0	0.25	25.0 0.0 0.0 % N90M
002	18.4	0.312	0.329	0.95	-0.435	0.01	0.0	0.0	0.0	57.4	50.0	0.0	0.0	0.0	0.50	50.0 0.0 0.0 % N90M
003	42.2	0.312	0.329	0.95	-0.435	0.01	0.0	0.0	0.0	22.9	75.0	0.0	0.0	0.0	0.75	75.0 0.0 0.0 % N90M
004	100.0	0.312	0.329	0.95	-0.435	0.01	0.0	0.0	0.0	100.0	0.0	0.0	0.0	0.0	1.00	1.00 0.0 0.0 % N90M

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$rgb^{*}_{\lambda,ab}$ and CIE data of a elementary hue circle according to CIE RI-47 for Ostwald colours for CIE Illuminant D50
 $Y_{xy}, a_{CIE}, b_{CIE}, LabC^{*}_{\lambda,ab}$ data for relative spacing of elementary hue h_{ab} of CIELAB for CIE 2 degree observer

Elementary hue circle with 4 interrelated elementary hue angles: $h_{ab} = 27.1, 88.5, 164.3, 263.9$ of CIELAB, and 16 internd hue angles:

27.1 42.5 57.8 73.2 88.5 107.5 126.4 145.3 164.3 189.2 214.1 239.0 263.9 294.7 325.5 356.3

CIELAB data of CIE test colour 9 (R): 41.6 19.9 13.7, 11 (G): 81.9 17.1 11.5, 11 (G): 51.6 -41.1 11.5, 12 (B): 29.2 -52.2 -49.3

000	41.0	5.50	0.238	1.55	-0.120	0.712	28.9	8.7	30.2	16.0	70.3	42.2	85.2	29.9	1.00	0.00	0.00	% R90Y	
001	41.0	5.50	0.398	1.616	-0.109	0.714	27.3	12.1	29.6	24.0	70.8	70.3	76.6	103.6	47.2	1.00	0.00	0.00	% R90Y
002	41.0	5.50	0.558	1.680	-0.098	0.716	25.7	15.4	29.0	32.5	70.3	70.3	83.0	110.6	64.6	1.00	0.00	0.00	% R90Y
003	50.0	5.50	0.438	1.328	-0.0	0.456	18.8	19.6	27.2	46.1	81.7	41.7	138.6	144.8	73.2	1.00	0.00	0.00	% R90Y
004	38.0	8.40	0.63	0.985	-0.005	0.329	17.7	27.2	30.8	92.4	3.3	144.4	144.5	88.6	1.00	0.00	0.00	% R90Y	
005	0.0	5.422	0.544	0.776	-0.020	0.539	-16.6	27.4	32.1	121.5	95.0	-33.6	112.7	117.5	106.6	0.75	0.00	0.00	% R90Y
006	77.3	3.40	0.684	0.638	-0.033	0.494	-36.6	22.9	38.1	143.1	90.4	-74.4	91.7	122.6	127.1	0.50	0.00	0.00	% R90Y
007	67.0	2.264	0.625	0.421	-0.009	0.460	-26.7	17.6	40.7	154.3	80.8	-106.5	71.0	147.4	146.1	0.25	0.00	0.00	% R90Y
008	58.2	1.176	0.396	0.449	-0.008	0.524	-29.9	-5.7	30.5	100.8	80.8	-132.8	-15.1	95.6	189.1	0.00	0.00	0.00	% R90Y
009	41.0	4.341	0.287	0.462	-0.074	0.662	-19.5	-10.2	22.4	70.5	-74.8	-50.7	90.4	214.1	0.00	0.00	0.00	% R90Y	
010	25.0	0.323	0.288	0.685	-1.312	0.461	-9.9	-24.5	26.1	249.9	57.0	-45.2	-72.6	86.4	238.3	0.00	0.00	0.00	% R90Y
012	15.0	0.352	0.142	0.605	-2.006	1.733	-1.5	-27.3	23.3	206.7	46.7	-95.5	-90.8	91.4	263.9	0.00	0.00	0.00	% R90Y
013	0.0	0.352	0.142	0.605	-2.006	1.733	-1.5	-27.3	23.3	206.7	46.7	-95.5	-90.8	91.4	263.9	0.00	0.00	0.00	% R90Y
014	24.0	1.324	0.156	0.273	-1.253	0.613	21.6	-23.2	38.7	32.4	562.0	38.9	102.8	125.4	25.5	0.00	0.00	0.00	% R90Y
015	41.0	4.577	0.269	0.718	-0.274	0.806	33.2	-1.8	33.2	356.8	7.0	83.5	-6.4	83.7	355.5	1.00	0.00	0.00	% R90Y
016	41.0	4.577	0.328	1.655	-0.123	0.722	28.9	8.7	30.2	16.0	70.3	42.2	85.2	29.9	1.00	0.00	0.00	% R90Y	