

rgb^{*}_{AB} and CIE data of a elementary hue circle according to CIE RI-47 for Ostwald colours for CIE illuminant D65
 $Xy, a_{CIE}, ABC_{LAB}, Lab^{*}_{CIE}$ data for relative spacing of elementary hue h_{AB} of LYNAB for CIE 2 degree observer
Elementary hue circle with 4 internal elementary hue angles: $h_{AB} = 17.7, 93.1, 270.8$ of LYNAB, and 16 internal hue angles:
17.7 36.6 55.5 74.4 93.3 109.7 126.2 142.7 158.1 174.9 242.8 270.8 297.5 324.2 351.0
LYNAB data of CIE test colour 9 (R): 20.6 11.2 43.3, 10 (Y): 54.8 59.0 12.0, 11 (G): 20.3 -7.2 52.9 12.1, 12 (B): 64.0 1.1 -8.2

rgb^{*}_{AB}	x	y	a	b	C_{AB}	A	B	C_{AB}	L^{*}	a^{*}	b^{*}	C^{*}_{AB}	rgb^{*}_{AB}	Code $_{AB}$		
000	41.1	0.508	0.314	1.615	-0.224	0.687	27.3	0.6	28.7	17.5	70.9	29.3	116.5	0.0 0.0 0.0 % R00Y		
001	41.7	0.59	0.303	1.490	-0.216	0.691	22.9	17.8	28.8	37.3	70.3	99.1	116.6	58.2 1.00 0.25 0.0 % R20Y		
002	50.6	0.554	0.484	1.249	0.0	0.527	1.67	24.3	29.5	55.5	79.6	39.3	135.2	140.8 73.7 1.00 0.0 0.0 % R50Y		
003	69.3	0.516	0.481	1.077	-0.042	0.45	0.0	31.6	31.2	74.7	86.7	18.3	144.5	102.7 1.00 0.75 0.0 % R70Y		
004	82.1	0.476	0.515	0.823	-0.089	-0.43	-2.1	39.6	35.7	93.5	93.8	-4.4	147.7	143.8 91.7 1.00 1.00 0.0 % Y000		
005	92.6	0.420	0.533	0.805	-0.077	0.423	-1.4	37.9	40.2	109.5	97.1	-26.2	117.0	102.5 1.00 1.00 0.0 % Y250		
006	84.5	0.373	0.575	0.649	-0.035	0.5	-25.4	33.8	129.6	92.6	129.6	92.6	1.00	0.50 1.00 0.0 % Y500		
007	71.9	0.276	0.634	0.425	-0.046	0.39	-27.7	42.0	146.5	87.9	120.5	88.5	139.4	139.4 0.25 1.00 0.0 % Y750		
008	61.7	0.188	0.532	0.264	-0.021	0.35	-29.3	51.2	161.7	85.2	135.2	102.7	1.00	0.50 1.00 0.0 % Y000		
009	50.6	0.106	0.375	0.443	-0.047	-0.350	-29.0	30.1	185.3	88.1	-94.1	-94.1	1.00	0.50 1.00 0.0 % Y250		
010	38.6	0.062	0.296	0.552	-0.277	-0.44	-23.2	-17.2	216.2	80.0	-91.1	-75.8	204.2	0.0 1.00 0.0 % Y500		
011	26.0	0.014	0.227	0.592	-1.124	-0.770	-13.8	-26.9	304.0	242.5	-68.5	-50.1	32.7	225.6	0.0 0.50 1.00 0.0 % Y750	
012	18.7	0.017	0.129	0.985	-2.301	-1.967	0.0	-34.9	34.9	271.6	50.3	3.4	-84.8	84.9	272.3	0.0 0.0 1.00 0.0 % B000
013	10.6	0.204	0.075	1.711	-3.014	0.812	18.8	-36.1	40.7	109.2	109.2	109.2	141.4	234.5	0.50 0.50 0.0 % B250	
014	29.3	0.238	0.152	2.244	-1.332	0.565	37.3	-26.6	100.4	100.4	100.4	100.4	100.4	100.4	0.0 0.0 1.00 0.0 % B500	
015	40.5	0.423	0.237	1.784	-0.572	0.845	33.8	-5.5	34.2	350.6	69.9	86.4	-14.1	87.5	350.6	0.75 1.00 0.0 % B750
016	41.1	0.508	0.314	1.615	-0.224	0.687	27.3	0.6	28.7	17.5	70.9	29.3	116.5	22.2	1.00 0.0 0.0 % R00Y	

CIEXYZ data of CIE test colour 9 (R): 20.6 11.2 43.3, 10 (Y): 54.8 59.0 12.0, 11 (G): 21.3 153.3, 12 (B): 62.4 27.6

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

000	0.0	0.0	0.0	0.0	0.0	1.045	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00 0.00 0.00 % N0000
001	4.4	0.312	0.329	0.95	-0.435	0.01	0.0	0.0	77.1	25.0	0.0	0.0	0.0	0.25 25.25 0.25 % N2500	
002	18.4	0.312	0.329	0.95	-0.435	0.01	0.0	0.0	57.6	50.0	0.0	0.0	0.0	0.50 50.50 0.50 % N5000	
003	42.2	0.312	0.329	0.95	-0.435	0.01	0.0	0.0	22.9	75.0	0.0	0.0	0.0	0.75 75.75 0.75 % N7500	
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	1.00 1.00 1.00 % N10000	

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VE200-3N

rgb^{*}_{AB} and CIE data of a elementary hue circle according to CIE RI-47 for Ostwald colours for CIE illuminant D50
 $Xy, a_{CIE}, ABC_{LAB}, Lab^{*}_{CIE}$ data for relative spacing of elementary hue h_{AB} of LYNAB for CIE 2 degree observer
Elementary hue circle with 4 internal elementary hue angles: $h_{AB} = 13.5, 87.3, 165.5, 266.0$ of LYNAB, and 16 internal hue angles:
13.5 32.2 50.6 69.0 87.3 107.0 126.6 146.2 165.5 185.0 216.0 246.0 266.0 293.0 319.5 346.9
LYNAB data of CIE test colour 9 (R): 21.4 11.3 28.8, 10 (Y): 60.2 60.7 16.8, 11 (G): 19.8 -7.0 12.7, 12 (B): 5.9 -0.4 -8.5

rgb^{*}_{AB}	x	y	a	b	C_{AB}	A	B	C_{AB}	L^{*}	a^{*}	b^{*}	C^{*}_{AB}	rgb^{*}_{AB}	Code $_{AB}$		
000	41.8	0.545	0.328	1.662	-0.153	0.72	29.2	7.3	30.1	14.2	70.4	33.7	81.7	24.3	1.00 0.0 0.0 % R00Y	
001	46.5	0.591	0.401	1.491	-0.216	0.691	22.9	17.8	28.7	74.4	32.7	81.7	24.3	1.00 0.25 0.0 % R20Y		
002	63.8	0.551	0.447	1.233	-0.081	0.445	20.2	26.7	58.6	82.4	36.1	145.8	75.4	1.00 0.50 0.0 % R50Y		
003	74.3	0.52	0.475	1.001	-0.002	0.351	9.4	24.3	26.1	68.7	89.0	19.1	146.4	147.6	82.5 1.00 0.75 0.0 % R75Y	
004	86.6	0.491	0.502	0.978	-0.040	0.25	1.1	27.7	87.5	93.7	21.2	144.0	145.0	99.0	1.00 1.00 0.0 % Y000	
005	92.6	0.454	0.537	0.805	-0.077	0.423	-1.4	37.9	109.5	97.1	-26.2	117.0	102.5	1.00 1.00 0.0 % Y250		
006	84.5	0.408	0.555	0.755	-0.035	0.38	-19.9	26.3	128.9	94.9	-91.1	109.6	131.7	119.5	0.50 1.00 0.0 % Y500	
007	73.7	0.32	0.62	0.515	-0.038	0.325	-33.5	29.4	144.8	88.9	-92.6	129.6	132.5	0.25 1.00 0.0 % Y750		
008	50.6	0.199	0.557	0.358	-0.174	0.625	-36.9	31.7	165.1	81.5	-108.3	132.1	122.4	164.7	0.0 1.00 0.0 % Y000	
009	38.6	0.127	0.396	0.449	-0.249	0.524	-29.1	30.7	195.0	88.0	-108.2	151.9	102.7	1.00 0.50 1.00 % Y250		
010	26.0	0.156	0.313	0.696	-0.607	0.577	-23.1	-16.4	216.2	75.8	-70.4	-81.1	88.9	204.2	0.0 1.00 0.0 % Y500	
011	10.6	0.237	0.235	0.541	-1.081	0.602	-12.8	-22.6	246.6	61.0	-58.7	-55.2	87.8	226.0	0.0 0.50 1.00 % Y750	
012	36.0	0.123	0.144	0.853	-2.029	1.702	-1.7	-27.7	273.2	206.2	47.0	-104.0	91.0	265.1	0.0 0.0 1.00 % B000	
013	7.6	0.18	0.077	2.456	-4.084	0.615	11.4	-26.9	307.9	291.3	73.7	-111.1	135.5	304.9	0.50 0.50 0.0 % B250	
014	21.9	0.329	0.147	2.209	-1.389	0.703	29.2	-23.2	371.3	321.6	53.9	-101.3	176.0	135.5	321.6	0.50 1.00 0.0 % B500
015	40.5	0.441	0.239	1.841	-0.533	0.965	37.9	-26.2	356.9	309.9	89.2	-25.7	329.8	343.8	1.00 0.50 0.0 % B750	
016	41.8	0.545	0.328	1.662	-0.153	0.72	29.2	7.3	30.1	14.2	70.4	33.7	81.7	24.3	1.00 0.0 0.0 % R00Y	

CIEXYZ data of CIE test colour 9 (R): 23.3 12.4 33.2, 10 (Y): 58.8 60.2 9.5, 11 (G): 12.0 19.8 11.9, 12 (B): 5.2 9.2 21.2

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

000	0.0	0.0	0.0	0.0	0.0	1.019	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00 0.00 0.00 % N0000
001	4.4	0.345	0.358	0.964	-0.329	0.01	0.0	0.0	76.4	25.0	0.0	0.0	0.0	0.25 25.25 0.25 % N2500	
002	18.4	0.345	0.358	0.964	-0.329	0.01	0.0	0.0	50.0	50.0	0.0	0.0	0.0	0.50 50.00 0.50 % N5000	
003	42.2	0.345	0.358	0.964	-0.329	0.01	0.0	0.0	17.2	75.0	0.0	0.0	0.0	0.75 75.00 0.75 % N7500	
004	100.0	0.345	0.358	0.964	-0.329	0.01	0.0	0.0	0.0	100.0	0.0	0.0	0.0	1.00 1.00 1.00 % N10000	

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VE200-3N