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Ostwald optimal colours (o) of maximum (m) C _{AB} for D65, Y _w =100, Y _m =520_770, LINYAB data															%
i ₁ , λ ₁	i ₂ , λ ₂	Y ₁₀₀	A ₁₀₀	B ₁₀₀	C _{AB}	a	b	h _{AB}	i _d , λ _d	i _c , λ _c	Code			%	
0 405	32 561	58.2	-22.74	-17.89	28.94	0.5596	-0.743	218.1	16 483	37 589	Cm			%	
6 435	32 562	58.79	-26.78	-9.88	28.55	0.4948	-0.6036	200.2	17 486	42 610				%	
10 450	32 563	59.42	-33.54	4.93	33.9	0.3859	-0.3525	171.6	19 496	-1 496c				%	
12 460	33 565	60.32	-36.45	12.66	38.58	0.3461	-0.2256	160.8	21 505	-1 505c				%	
12 465	33 567	61.66	-36.65	13.24	38.97	0.356	-0.2207	160.1	21 506	-1 506c				%	
14 470	33 569	62.72	-38.14	19.32	42.76	0.3422	-0.1274	153.1	24 520	-1 520c				%	
15 475	34 573	65.29	-38.28	22.47	44.39	0.364	-0.0913	149.5	25 528	-1 528c	Gm			%	
16 480	36 580	69.95	-37.48	26.04	45.64	0.4146	-0.0632	145.2	27 537	-1 537c				%	
17 485	39 595	78.75	-32.73	31.0	45.09	0.5347	-0.0418	136.5	29 548	-1 548c				%	
18 490	-1 490c	93.8	-12.06	38.4	40.25	0.8218	-0.0261	107.4	33 565	11 459	max			%	
19 495	-1 495c	92.3	-10.68	38.39	39.85	0.8346	-0.0195	105.5	33 566	12 462				%	
20 500	-1 500c	90.42	-8.91	38.07	39.1	0.8518	-0.0144	103.1	33 567	12 464				%	
22 510	-1 510c	85.27	-4.15	36.48	36.72	0.9016	-0.0076	96.5	33 569	13 469				%	
23 520	-1 519c	81.98	-1.26	35.24	35.26	0.935	-0.0056	92.0	34 570	14 471	Ym			%	
25 530	-1 529c	74.04	5.15	32.02	32.43	1.0201	-0.0031	80.8	34 573	15 475				%	
27 540	-1 539c	64.9	11.57	28.16	30.44	1.1288	-0.0016	67.6	35 577	15 478				%	
28 545	-1 544c	60.13	14.5	26.11	29.87	1.1917	-0.0012	60.9	35 579	15 479				%	
29 550	-1 549c	55.26	17.18	24.01	29.53	1.2613	-0.0009	54.4	36 582	16 480				%	
30 555	-1 554c	50.4	19.49	21.91	29.33	1.3372	-0.0007	48.3	36 584	16 481				%	
32 560	-1 560c	41.0	22.8	17.83	28.95	1.5064	-0.0005	38.0	37 589	16 483				%	
380	770	100.0	0.0	0.0	0.01	0.9504	-0.4355	0.0						%	

Ostwald optimal colours (o) of maximum (m) C _{AB} for D65, Y _w =100, Y _m =770_520, LINYAB complementary															%
i ₁ , λ ₁	i ₂ , λ ₂	Y ₁₀₀	A ₁₀₀	B ₁₀₀	C _{AB}	a	b	h _{AB}	i _d , λ _d	i _c , λ _c	Code		%		
32 561	0 405	41.79	22.74	17.89	28.94	1.4946	-0.0072	38.1	37 589	16 483	Rm		%		
32 562	6 435	41.2	26.78	9.88	28.55	1.6006	-0.1956	20.2	42 610	17 486			%		
32 563	10 450	40.57	33.54	-4.93	33.9	1.7771	-0.557	351.6	-1 496c	19 496			%		
33 565	12 460	39.67	36.45	-12.66	38.58	1.8691	-0.7547	340.8	-1 505c	21 505			%		
33 567	12 465	38.33	36.65	-13.24	38.97	1.9064	-0.781	340.1	-1 506c	21 506			%		
33 569	14 470	37.27	38.14	-19.32	42.76	1.9738	-0.954	333.1	-1 520c	24 520			%		
34 573	15 475	34.7	38.28	-22.47	44.39	2.0536	-1.083	329.5	-1 528c	25 528	Mm		%		
36 580	16 480	30.04	37.48	-26.04	45.64	2.1982	-1.3026	325.2	-1 537c	27 537			%		
39 595	17 485	21.24	32.73	-31.0	45.09	2.4914	-1.8952	316.5	-1 548c	29 548			%		
-1 490c	18 490	6.19	12.06	-38.4	40.25	2.899	-6.6372	287.4	11 459	33 565	min		%		
-1 495c	19 495	7.69	10.68	-38.39	39.85	2.3392	-5.4245	285.5	12 462	33 566			%		
-1 500c	20 500	9.57	8.91	-38.07	39.1	1.8814	-4.4105	283.1	12 464	33 567			%		
-1 510c	22 510	14.72	4.15	-36.48	36.72	1.2328	-2.9143	276.5	13 469	33 569			%		
-1 519c	23 520	18.01	1.26	-35.24	35.26	1.0204	-2.3925	272.0	14 471	34 570	Bm		%		
-1 529c	25 530	25.95	-5.15	-32.02	32.43	0.7516	-1.6693	260.8	15 475	34 573			%		
-1 539c	27 540	35.09	-11.57	-28.16	30.44	0.6205	-1.238	247.6	15 478	35 577			%		
-1 544c	28 545	39.86	-14.5	-26.11	29.87	0.5865	-1.0906	240.9	15 479	35 579			%		
-1 549c	29 550	44.73	-17.18	-24.01	29.53	0.5663	-0.9725	234.4	16 480	36 582			%		
-1 554c	30 555	49.59	-19.49	-21.91	29.33	0.5572	-0.8774	228.3	16 481	36 584			%		
-1 560c	32 560	58.99	-22.8	-17.83	28.95	0.5638	-0.7379	218.0	16 483	37 589			%		
380	770	100.0	0.0	0.0	0.01	0.9504	-0.4355	0.0					%		

Ostwald optimal colours (o) of maximum (m) C _{AB} for D65, Y _{w,10} =100, Y _m =520_770, LINYAB data															%
i ₁ , λ ₁	i ₂ , λ ₂	Y ₁₀₀	A ₁₀₀	B ₁₀₀	C _{AB}	a	b	h _{AB}	i _d , λ _d	i _c , λ _c	Code			%	
0 405	31 556	56.57	-21.89	-18.32	28.54	0.5611	-0.7532	219.9	15 476	37 585	Cm			%	
6 435	31 557	57.41	-26.44	-8.79	27.86	0.4876	-0.5825	198.4	16 480	44 621				%	
10 450	31 559	57.53	-32.48	6.09	33.05	0.3834	-0.3234	169.3	18 491	-1 491c				%	
11 460	32 562	59.27	-33.9	10.52	35.5	0.3761	-0.2517	162.7	19 498	-1 498c				%	
12 465	33 565	60.91	-34.93	14.56	37.84	0.3747	-0.1903	157.3	21 506	-1 506c				%	
14 470	34 570	63.07	-35.18	20.67	40.8	0.3903	-0.1016	149.5	24 522	-1 522c				%	
15 475	35 579	68.64	-33.55	24.85	41.75	0.4593	-0.0672	143.4	26 533	-1 533c	Gm			%	
16 480	41 606	81.94	-23.65	31.88	39.7	0.6594	-0.0401	126.5	30 550	-1 550c				%	
16 485	-1 484c	92.3	-10.45	36.33	37.8	0.8348	-0.0356	106.0	32 560	10 454				%	
18 490	-1 490c	89.06	-7.57	36.55	37.33	0.863	-0.0188	101.7	32 562	11 459	max			%	
19 495	-1 495c	87.05	-5.68	36.18	36.62	0.8828	-0.0136	98.9	32 563	12 461				%	
19 500	-1 499c	87.05	-5.68	36.18	36.62	0.8828	-0.0136	98.9	32 563	12 461				%	
22 510	-1 510c	79.1	1.43	33.55	33.58	0.9662	-0.0051	87.5	33 567	13 466				%	
23 520	-1 519c	75.81	4.11	32.27	32.53	1.0024	-0.0036	82.7	33 568	13 468	Ym			%	
26 530	-1 530c	64.17	12.31	27.48	30.11	1.14	-0.001	65.8	34 573	14 472				%	
27 540	-1 539c	59.9	14.81	25.68	29.65	1.1955	-0.0005	60.0	35 576	14 473				%	
28 545	-1 544c	55.54	17.09	23.83	29.32	1.2559	-0.0002	54.3	35 578	14 474				%	
29 550	-1 549c	51.12	19.09	21.94	29.08	1.3215	-0.0001	48.9	36 580	15 475				%	
31 555	-1 555c	42.37	21.98	18.19	28.53	1.4668	0.0	39.6	37 586	15 476				%	
32 560	10 451	40.04	32.52	-6.18	33.11	1.7604	-0.5838	349.2	-1 492c	18 492				%	
380	770	100.0	0.0	0.0	0.01	0.9481	-0.4293	0.0						%	

Ostwald optimal colours (o) of maximum (m) C _{AB} for D65, Y _w ,10=100, Y _m =770_520, LINYAB complementary															%
i ₁ , λ ₁	i ₂ , λ ₂	Y ₁₀₀	A ₁₀₀	B ₁₀₀	C _{AB}	a	b	h _{AB}	i _d , λ _d	i _c , λ _c	Code			%	
31 556	0 405	43.42	21.89	18.32	28.54	1.4522	-0.0074	39.9	37 585	15 476	Rm			%	
31 557	6 435	42.58	26.44	8.79	27.86	1.5691	-0.2226	18.4	44 621	16 480				%	
31 559	10 450	42.46	32.48	-6.09	33.05	1.713	-0.5727	349.3	-1 491c	18 491				%	
32 562	11 460	40.72	33.9	-10.52	35.5	1.7807	-0.6879	342.7	-1 498c	19 498				%	
33 565	12 465	39.08	34.93	-14.56	37.84	1.8419	-0.8019	337.3	-1 506c	21 506				%	
34 570	14 470	36.92	35.18	-20.67	40.8	1.901	-0.9891	329.5	-1 522c	24 522				%	
35 579	15 475	31.35	33.55	-24.85	41.75	2.0184	-1.2222	323.4	-1 533c	26 533	Mm			%	
41 606	16 480	18.05	23.65	-31.88	39.7	2.2587	-2.1959	306.5	-1 550c	30 550				%	
-1 484c	16 485	7.69	10.45	-36.33	37.8	2.306	-5.1484	286.0	10 454	32 560				%	
-1 490c	18 490	10.93	7.57	-36.55	37.33	1.6407	-3.7725	281.7	11 459	32 562	min			%	
-1 495c	19 495	12.94	5.68	-36.18	36.62	1.3873	-3.2239	278.9	12 461	32 563				%	
-1 499c	19 500	12.94	5.68	-36.18	36.62	1.3873	-3.2239	278.9	12 461	32 563				%	
-1 510c	22 510	20.89	-1.43	-33.55	33.58	0.8795	-2.035	267.5	13 466	33 567				%	
-1 519c	23 520	24.18	-4.12	-32.27	32.53	0.7777	-1.7639	262.7	13 468	33 568	Bm			%	
-1 530c	26 530	35.82	-12.31	-27.48	30.11	0.6044	-1.1965	245.8	14 472	34 573				%	
-1 539c	27 540	40.09	-14.81	-25.68	29.65	0.5785	-1.0699	240.0	14 473	35 576				%	
-1 544c	28 545	44.45	-17.09	-23.83	29.32	0.5635	-0.9653	234.3	14 474	35 578				%	
-1 549c	29 550	48.87	-19.09	-21.94	29.08	0.5575	-0.8782	228.9	15 475	36 580				%	
-1 555c	31 555	57.62	-21.98	-18.19	28.53	0.5667	-0.745	219.6	15 476	37 586				%	
10 451	32 560	59.95	-32.52	6.18	33.11	0.4056	-0.3261	169.2	18 492	-1 492c				%	
380	770	100.0	0.0	0.0	0.01	0.9481	-0.4293	0.0						%	

http://130.149.60.45/~farbmatrik/VE40/VE40LONP.PDF /.PS; transfer output

N: no 3D-linearization (OL) in file (F) or PS-startup (S), page 2/5

$rgb^*_{e,AB}$ and CIE data of a elementary hue circle according to CIE R1-47 for Ostwald colours for CIE illuminant D65

$Yxy, abc_{AB}, ABC_{AB}, LabC^*_{ab}, h_{ab}$ data for relative spacing of elementary hue h_{AB} of LINYAB for CIE 2 degree observer

Elementary hue circle with 4 intended elementary hue angles: $h_{AB} = 17.7, 93.3, 159.1, 270.8$ of LINYAB, and 90 intended hue angles:

000, 001, ..., 089, LINYAB data of CIE test colours 9 (R): 11.2 9.9 3.1, 10 (Y): 59.0 -1.2 20.9, 11 (G): 20.3 -7.2 2.7, 12 (B): 6.4 0.1 -8.2

no-AB _{X0}	x ₁₀	y ₁₀	a ₁₀	b ₁₀	C _{AB,10}	A ₁₀	B ₁₀	C _{AB,10}	h _{AB,10}	L* ₁₀	a* ₁₀	b* ₁₀	C* _{ab,10}	h _{ab,10}	rgb* _{e,AB,10}	CodeAB ₁₀
000	40.7	0.447	0.259	1.727	-0.453	0.777	31.6	-0.7	31.6	358.7	78.0	81.6	-1.9	81.7	358.6	1.00 0.00 0.39 %B8R #
001	40.8	0.445	0.258	1.726	-0.454	0.776	31.5	-0.8	31.5	358.6	78.0	81.5	-1.9	81.7	358.6	1.00 0.00 0.39 %B8R #
002	40.8	0.453	0.264	1.714	-0.427	0.764	31.1	0.3	31.2	358.6	78.0	80.6	0.6	80.6	0.6	1.00 0.00 0.35 %B8R #
003	40.8	0.456	0.267	1.708	-0.414	0.758	30.9	0.8	30.9	1.6	78.0	80.0	2.4	80.1	1.7	1.00 0.00 0.33 %B8R #
004	40.8	0.459	0.269	1.701	-0.4	0.752	30.7	1.4	30.7	2.6	78.0	79.5	4.0	79.6	2.9	1.00 0.00 0.3 %B8R #
005	40.8	0.465	0.272	1.685	-0.387	0.746	30.4	1.9	30.5	3.6	78.1	78.9	5.6	79.1	4.0	1.00 0.00 0.28 %B8R #
006	40.9	0.468	0.275	1.689	-0.374	0.741	30.2	2.4	30.3	4.7	78.1	78.4	7.8	79.2	5.2	1.00 0.00 0.26 %B8R #
007	40.9	0.469	0.278	1.682	-0.361	0.736	29.9	3.0	30.1	5.7	78.1	77.8	10.6	79.0	7.8	1.00 0.00 0.24 %B8R #
008	40.9	0.472	0.281	1.676	-0.348	0.731	29.7	3.5	29.9	6.8	78.1	77.3	10.6	78.0	7.8	1.00 0.00 0.21 %B8R #
009	40.9	0.475	0.284	1.671	-0.335	0.726	29.4	4.1	29.7	7.9	78.1	76.7	12.3	77.7	9.1	1.00 0.00 0.19 %B8R #
010	40.9	0.479	0.288	1.663	-0.322	0.721	29.2	4.6	29.6	9.0	78.1	76.1	14.1	77.5	10.5	1.00 0.00 0.17 %B8R #
011	41.0	0.483	0.291	1.657	-0.309	0.718	28.9	5.1	29.4	10.1	78.1	75.6	15.9	77.3	11.9	1.00 0.00 0.15 %B8R #
012	41.0	0.486	0.294	1.65	-0.296	0.714	28.7	5.6	29.3	11.2	78.2	75.0	17.8	77.1	13.3	1.00 0.00 0.12 %B8R #
013	41.0	0.49	0.298	1.644	-0.283	0.71	28.5	6.2	29.1	12.3	78.2	74.5	19.7	77.0	14.8	1.00 0.00 0.1 %B8R #
014	41.0	0.493	0.301	1.638	-0.271	0.707	28.2	6.7	29.0	13.4	78.2	73.9	21.6	76.7	16.3	1.00 0.00 0.08 %B8R #
015	41.0	0.497	0.304	1.632	-0.258	0.704	28.0	7.2	28.9	14.5	78.2	73.3	23.6	76.4	17.8	1.00 0.00 0.06 %B8R #
016	41.1	0.501	0.308	1.626	-0.246	0.701	27.7	7.7	28.8	15.6	78.2	72.8	25.7	76.2	19.4	1.00 0.00 0.03 %B8R #
017	41.1	0.505	0.311	1.619	-0.234	0.699	27.5	8.2	28.7	16.7	78.2	72.3	27.7	76.0	20.6	1.00 0.00 0.01 %B8R #
018	41.1	0.509	0.315	1.613	-0.222	0.697	27.3	8.7	28.6	17.8	78.2	71.7	29.7	75.7	22.6	1.00 0.0 0.00 %R0Y #
019	41.1	0.513	0.319	1.607	-0.21	0.695	27.0	9.2	28.6	18.9	78.2	71.2	32.0	75.4	24.2	1.00 0.01 0.00 %R0Y #
020	41.1	0.516	0.322	1.601	-0.197	0.693	26.8	9.7	28.5	19.9	78.2	70.7	34.3	75.1	25.7	1.00 0.02 0.00 %R0Y #
021	41.2	0.521	0.327	1.594	-0.184	0.691	26.5	10.3	28.5	21.3	78.3	70.0	37.1	74.9	27.9	1.00 0.04 0.00 %R0Y #
022	41.2	0.527	0.332	1.586	-0.169	0.689	26.2	10.9	28.4	22.7	78.3	69.3	40.1	74.6	30.1	1.00 0.05 0.00 %R0Y #
023	41.3	0.532	0.337	1.578	-0.155	0.687	25.9	11.5	28.4	24.0	78.4	68.6	43.3	81.1	32.2	1.00 0.06 0.00 %R0Y #
024	41.3	0.537	0.341	1.571	-0.141	0.686	25.6	12.1	28.4	25.3	78.4	67.9	46.5	82.3	34.4	1.00 0.08 0.00 %R0Y #
025	41.4	0.541	0.345	1.563	-0.128	0.684	25.3	12.7	28.4	26.6	78.4	67.2	49.8	83.7	36.5	1.00 0.1 0.00 %R0Y #
026	41.4	0.546	0.351	1.556	-0.115	0.685	25.1	13.2	28.4	27.8	78.5	66.6	53.1	85.2	38.5	1.00 0.1 0.00 %R1Y #
027	41.5	0.551	0.355	1.549	-0.103	0.685	24.8	13.7	28.4	28.9	78.5	66.0	56.6	86.9	40.6	1.00 0.12 0.00 %R1Y #
028	41.5	0.556	0.36	1.543	-0.092	0.685	24.6	14.2	28.4	30.0	78.5	65.4	60.1	88.8	42.6	1.00 0.13 0.00 %R1Y #
029	41.5	0.56	0.364	1.537	-0.081	0.685	24.3	14.7	28.4	31.1	78.5	64.8	63.8	91.0	44.5	1.00 0.14 0.00 %R1Y #
030	41.6	0.565	0.369	1.531	-0.071	0.685	24.1	15.1	28.5	32.3	78.6	64.2	67.5	93.2	46.4	1.00 0.15 0.00 %R1Y #
031	41.6	0.569	0.373	1.525	-0.061	0.686	23.9	15.5	28.5	33.0	78.6	63.7	71.5	95.8	48.2	1.00 0.17 0.00 %R1Y #
032	41.6	0.573	0.377	1.52	-0.052	0.686	23.7	15.9	28.6	33.9	78.6	63.2	75.7	98.6	50.1	1.00 0.18 0.00 %R1Y #
033	41.7	0.577	0.381	1.515	-0.043	0.687	23.5	16.3	28.6	34.7	78.6	62.8	80.0	101.7	51.8	1.00 0.2 0.00 %R2Y #
034	41.7	0.581	0.385	1.509	-0.034	0.687	23.3	16.7	28.6	35.6	78.6	62.3	84.6	105.1	53.5	1.00 0.21 0.00 %R2Y #
035	41.7	0.584	0.388	1.506	-0.027	0.689	23.2	17.0	28.7	36.2	78.7	61.9	89.0	109.0	55.3	1.00 0.22 0.00 %R2Y #
036	41.7	0.588	0.391	1.502	-0.02	0.69	23.0	17.3	28.8	36.9	78.7	61.6	95.2	113.4	57.0	1.00 0.24 0.00 %R2Y #
037	41.7	0.591	0.394	1.498	-0.014	0.691	22.9	17.6	28.8	37.5	78.7	61.2	101.5	115.8	58.8	1.00 0.25 0.00 %R2Y #
038	41.7	0.594	0.397	1.495	-0.008	0.692	22.7	17.8	28.9	38.0	78.7	60.9	108.2	122.4	60.6	1.00 0.26 0.00 %R2Y #
039	41.8	0.598	0.401	1.491	-0.002	0.693	22.5	18.1	28.9	38.7	78.6	60.6	115.5	125.7	62.5	1.00 0.27 0.00 %R2Y #
040	42.4	0.595	0.403	1.475	-0.0	0.692	22.2	18.4	28.9	39.6	71.1	59.3	122.2	134.9	64.1	1.00 0.29 0.00 %R2Y #
041	43.3	0.593	0.406	1.458	0.0	0.689	22.0	18.8	28.9	40.5	71.7	58.0	123.3	136.3	64.8	1.00 0.3 0.00 %R3Y #
042	44.2	0.59	0.409	1.44	0.0	0.655	21.6	19.2	29.0	41.5	72.3	56.6	124.4	136.7	65.5	1.00 0.32 0.00 %R3Y #
043	45.1	0.587	0.412	1.423	0.0	0.642	21.3	19.6	29.0	42.6	73.0	55.2	125.5	137.0	66.2	1.00 0.33 0.00 %R3Y #
044	46.1	0.583	0.415	1.406	0.0	0.617	20.9	20.0	29.1	43.7	73.6	53.9	126.4	137.3	67.0	1.00 0.34 0.00 %R3Y #
045	47.1	0.581	0.418	1.388	0.0	0.617	20.6	20.5	29.1	44.7	74.2	52.4	127.3	137.7	67.6	1.00 0.36 0.00 %R3Y #
046	48.1	0.578	0.421	1.372	0.0	0.606	20.3	20.9	29.1	45.8	74.9	51.0	128.2	138.0	68.2	1.00 0.37 0.00 %R3Y #
047	49.1	0.575	0.424	1.356	0.0	0.595	19.9	21.3	29.2	46.9	75.5	49.7	129.0	138.3	68.9	1.00 0.38 0.00 %R3Y #
048	50.0	0.572	0.426	1.342	0.0	0.585	19.6	21.7	29.3	47.9	76.1	48.3	129.8	138.5	69.5	1.00 0.4 0.00 %R4Y #
049	51.0	0.569	0.429	1.329	0.0	0.574	19.3	22.2	29.4	49.0	76.7	46.9	130.7	138.7	70.1	1.00 0.41 0.00 %R4Y #
050	51.9	0.567	0.432	1.312	0.0	0.565	18.8	22.6	29.4	50.2	77.2	45.6	131.6	139.3	70.8	1.00 0.42 0.00 %R4Y #
051	52.8	0.564	0.434	1.299	0.0	0.557	18.4	22.9	29.4	51.2	77.7	44.4	132.3	139.6	71.4	1.00 0.43 0.00 %R4Y #
052	53.5	0.562	0.438	1.287	0.0	0.55	18.0	23.2	29.4	52.1	78.2	43.2	133.0	139.9	71.9	1.00 0.45 0.00 %R4Y #
053	54.2	0.56	0.438	1.276	0.0	0.543	17.7	23.6	29.5	53.1	78.6	42.1	133.6	140.1	72.5	1.00 0.46 0.00 %R4Y #
054	55.1	0.558	0.44	1.265	0.0	0.537	17.3	23.9	29.5	54.0	79.0	41.0	134.2	140.4	73.1	1.00 0.48 0.00 %R4Y #
055	55.6	0.555	0.443	1.254	0.0	0.53	16.9	24.2	29.5	54.9	79.4	39.9	134.8	140.6	73.5	1.00 0.49 0.00 %R4Y #
056	56.4	0.553	0.445	1.243	-0.001	0.524	16.5	24.5	29.5	55.9	79.8	38.7	135.5	140.9	74.0	1.00 0.5 0.00 %R5Y #
057	57.1	0.551	0.447	1.233	-0.001	0.518	16.1	24.8	29.6	56.9	80.2	37.6	136.1	141.2	74.5	1.00 0.51 0.00 %R5Y #
058	57.9	0.549	0.449	1.222	-0.001	0.513	15.7	25.1	29.6	57.9	80.7	36.4	136.7	141.4	75.0	1.00 0.52 0.00 %R5Y #
059	58.6	0.547	0.451	1.211	-0.001	0.507	15.3	25.4	29.7	58.9	81.1	35.3	137.2	141.7	75.5	1.00 0.54 0.00 %R5Y #
060	59.4	0.545	0.453	1.201	-0.001	0.501	14.9	25.8	29.8	59.9	81.5	34.1	137.8	142.0	76.0	1.00 0.55 0.00 %R5Y #
061	60.1	0.542	0.455	1.191	-0.001	0.496	14.4	26.1	29.8	60.9	81.9	33.0	138.3	142.2	76.5	1.00 0.57 0.00 %R5Y #
062	60.7	0.541	0.457	1.183	-0.001	0.492	14.1	26.3	29.9	61.8	82.2	32.0	138.8	142.5	76.9	1.00 0.58 0.00 %R5Y #
063	61.3	0.539	0.459	1.175	-0.001	0.489	13.7	26.6	30.0	62.6	82.5	31.1	139.3	142.7	77.4	1.00 0.59 0.00 %R5Y #
064	62.0	0.537	0.46	1.166	-0.001	0.485	13.4	26.9	30							



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N: no 3D-linearization (OL) in file (F) or PS-startup (S), page 3/5

rgb^*_{eAB} and CIE data of a elementary hue circle according to CIE R1-47 for Ostwald colours for CIE illuminant D65
Yxy, abc_{AB} , ABC_{AB} , $LabC^*_{\text{ab}}$, h_{AB} data for relative spacing of elementary hue h_{AB} of LYNAB for CIE 2 degree observer

Elementary hue circle with 4 intended elementary hue angles: $h_{\text{AB}} = 17.7, 93.3, 159.1, 270.8$ of LYNAB, and 90 intended hue angles:

090, 091, ..., 179, LYNAB data of CIE test colours 9 (R): 11.2 9.9 3.1, 10 (Y): 55.9 12.2 2.0, 11 (G): 20.3 -7.2 2.7, 12 (B): 6.4 0.1 -8.2

no-AB	x	y	a	b	C _{AB}	A	B	C _{AB}	h _{AB}	L*	a*	b*	C* _{ab}	h _{ab}	rgb _{eAB}	Code _{AB}	no-AB			
090	80.7	0.483	0.51	0.947	-0.085	0.43	-6.2	34.7	34.7	90.4	92.0	-0.4	143.5	143.5	90.1	1.00	0.95	0.00	% R95Y	090
091	81.9	0.479	0.511	0.941	-0.085	0.43	-6.2	35.0	35.0	91.2	92.3	-1.5	143.2	143.2	90.6	1.00	0.96	0.00	% R96Y	091
092	81.9	0.479	0.512	0.935	-0.085	0.43	-1.2	35.2	35.2	92.0	92.6	-2.4	143.0	143.0	90.9	1.00	0.97	0.00	% R97Y	092
093	82.8	0.477	0.515	0.926	-0.085	0.43	-1.9	35.5	35.5	93.2	92.9	-3.9	142.8	142.8	91.6	1.00	0.99	0.00	% R99Y	093
094	83.6	0.474	0.516	0.918	-0.086	0.43	-2.6	35.8	35.9	94.2	93.2	-5.2	142.4	142.5	92.1	1.00	1.00	0.00	% Y01Y	094
095	84.2	0.472	0.518	0.911	-0.086	0.43	-3.2	36.1	36.2	95.1	93.5	-6.4	141.8	141.9	92.6	1.00	1.00	0.00	% Y02Y	095
096	84.9	0.47	0.519	0.905	-0.087	0.43	-3.8	36.3	36.5	95.8	93.8	-7.6	141.8	141.0	93.1	1.00	1.00	0.00	% Y04Y	096
097	85.6	0.468	0.521	0.897	-0.088	0.43	-4.5	36.6	36.6	97.0	94.1	-8.9	139.4	139.7	93.6	1.00	1.00	0.00	% Y06Y	097
098	86.4	0.465	0.522	0.889	-0.089	0.43	-5.2	36.8	37.2	98.0	94.5	-10.3	138.0	138.4	94.2	1.00	1.00	0.00	% Y08Y	098
099	87.2	0.462	0.524	0.881	-0.091	0.43	-5.9	37.1	37.6	99.1	94.8	-11.7	136.5	137.0	94.9	1.00	1.00	0.00	% Y10Y	099
100	88.0	0.459	0.525	0.874	-0.091	0.43	-6.6	37.4	37.9	100.0	95.1	-12.5	135.1	135.6	95.0	1.00	1.00	0.00	% Y12Y	100
101	88.8	0.456	0.527	0.866	-0.092	0.43	-7.4	37.8	38.3	101.2	95.5	-14.5	133.8	134.6	96.2	1.00	1.00	0.00	% Y14Y	101
102	89.6	0.454	0.528	0.859	-0.093	0.43	-8.1	37.8	38.7	102.1	95.8	-15.9	132.5	133.5	96.8	1.00	1.00	0.00	% Y16Y	102
103	90.3	0.451	0.529	0.852	-0.094	0.43	-8.8	38.0	39.0	103.0	96.1	-17.1	131.3	132.4	97.4	1.00	1.00	0.00	% Y18Y	103
104	91.2	0.447	0.53	0.843	-0.096	0.43	-9.7	38.2	39.4	104.2	96.5	-18.8	129.9	130.4	98.3	1.00	1.00	0.00	% Y20Y	104
105	92.0	0.444	0.53	0.837	-0.098	0.43	-10.4	38.3	39.7	105.1	96.8	-20.1	128.7	129.3	99.0	1.00	1.00	0.00	% Y22Y	105
106	93.2	0.443	0.528	0.839	-0.092	0.42	-10.9	38.6	40.0	104.9	97.3	-19.7	124.4	125.9	99.0	1.00	1.00	0.00	% Y24Y	106
107	94.3	0.44	0.527	0.836	-0.094	0.42	-10.7	38.8	40.2	105.4	97.7	-20.4	121.2	122.9	99.5	1.00	1.00	0.00	% Y26Y	107
108	93.6	0.434	0.53	0.818	-0.096	0.43	-12.3	38.3	40.2	107.9	97.4	-23.8	118.7	121.1	101.3	0.77	1.00	0.00	% Y28Y	108
109	93.2	0.431	0.532	0.811	-0.096	0.43	-12.9	38.1	40.2	108.7	97.3	-25.1	118.2	120.8	102.0	0.76	1.00	0.00	% Y30Y	109
110	92.8	0.429	0.534	0.805	-0.097	0.43	-13.6	38.1	40.2	109.7	97.1	-26.9	117.6	120.6	102.6	0.74	1.00	0.00	% Y32Y	110
111	92.3	0.426	0.536	0.798	-0.097	0.43	-14.2	37.6	40.3	110.7	96.9	-27.9	117.1	120.4	103.4	0.73	1.00	0.00	% Y34Y	111
112	91.9	0.424	0.538	0.786	-0.097	0.43	-14.9	37.4	40.3	111.7	96.8	-29.4	116.5	120.2	104.1	0.71	1.00	0.00	% Y36Y	112
113	91.5	0.421	0.54	0.779	-0.098	0.44	-15.6	37.2	40.3	112.7	96.6	-30.9	115.9	120.0	104.9	0.7	1.00	0.00	% Y38Y	113
114	91.0	0.418	0.542	0.771	-0.098	0.44	-16.2	37.0	40.4	113.7	96.4	-32.5	115.4	119.7	105.7	0.68	1.00	0.00	% Y40Y	114
115	90.5	0.415	0.544	0.764	-0.099	0.44	-16.9	36.8	40.5	114.7	96.2	-34.2	114.7	119.4	106.7	0.67	1.00	0.00	% Y42Y	115
116	90.0	0.412	0.547	0.753	-0.099	0.45	-17.7	36.5	40.6	115.8	96.0	-35.9	114.1	119.6	107.4	0.65	1.00	0.00	% Y44Y	116
117	89.5	0.409	0.549	0.744	-0.093	0.45	-18.4	36.3	40.7	116.9	95.8	-37.6	113.5	119.6	108.3	0.64	1.00	0.00	% Y46Y	117
118	89.0	0.405	0.551	0.735	-0.093	0.45	-19.1	36.0	40.8	118.0	95.6	-39.4	112.9	119.6	109.2	0.62	1.00	0.00	% Y48Y	118
119	88.5	0.402	0.554	0.725	-0.093	0.46	-19.9	35.8	40.9	119.0	95.3	-41.3	112.2	119.6	110.2	0.6	1.00	0.00	% Y50Y	119
120	88.0	0.398	0.557	0.715	-0.094	0.46	-20.6	35.5	41.1	120.1	95.1	-43.2	111.3	121.7	111.9	0.59	1.00	0.00	% Y52Y	120
121	87.4	0.394	0.559	0.705	-0.092	0.47	-21.4	35.2	41.2	121.2	94.9	-45.2	110.9	119.8	112.1	0.57	1.00	0.00	% Y54Y	121
122	86.9	0.391	0.562	0.695	-0.092	0.47	-22.1	35.0	41.4	122.3	94.7	-47.2	110.2	119.9	112.1	0.56	1.00	0.00	% Y56Y	122
123	86.3	0.387	0.565	0.684	-0.093	0.48	-22.9	34.7	41.6	123.4	94.4	-49.3	109.6	120.1	114.2	0.54	1.00	0.00	% Y58Y	123
124	85.8	0.384	0.568	0.674	-0.093	0.48	-23.6	34.4	41.6	124.5	94.2	-51.4	108.9	120.4	115.2	0.53	1.00	0.00	% Y60Y	124
125	85.2	0.379	0.571	0.663	-0.094	0.49	-24.4	34.2	42.0	125.5	93.9	-53.5	108.2	120.7	116.3	0.51	1.00	0.00	% Y62Y	125
126	84.6	0.374	0.574	0.652	-0.094	0.49	-25.2	33.9	42.2	126.6	93.7	-55.7	107.5	121.1	117.3	0.5	1.00	0.00	% Y64Y	126
127	84.1	0.37	0.577	0.641	-0.095	0.49	-25.9	33.6	42.5	127.6	93.5	-57.9	106.8	121.5	118.4	0.48	1.00	0.00	% Y66Y	127
128	83.5	0.366	0.581	0.63	-0.096	0.51	-26.7	33.3	42.7	128.7	93.2	-60.2	106.1	122.0	119.5	0.47	1.00	0.00	% Y68Y	128
129	82.9	0.362	0.584	0.619	-0.096	0.51	-27.4	33.0	42.9	129.8	92.9	-62.5	105.4	122.5	120.6	0.45	1.00	0.00	% Y70Y	129
130	82.4	0.357	0.587	0.608	-0.097	0.52	-28.2	32.8	43.2	130.8	92.7	-64.8	104.7	123.1	121.7	0.44	1.00	0.00	% Y72Y	130
131	81.8	0.352	0.591	0.596	-0.098	0.53	-28.9	32.5	43.5	131.8	92.5	-67.1	104.0	123.8	122.8	0.42	1.00	0.00	% Y74Y	131
132	81.2	0.348	0.594	0.585	-0.098	0.53	-29.6	32.2	43.8	132.8	92.2	-69.5	103.3	124.5	123.9	0.41	1.00	0.00	% Y76Y	132
133	80.7	0.343	0.597	0.574	-0.099	0.54	-30.3	31.9	44.0	133.8	92.0	-71.9	102.6	125.2	125.0	0.39	1.00	0.00	% Y78Y	133
134	80.1	0.339	0.599	0.563	-0.099	0.54	-31.0	31.6	44.3	134.8	91.7	-74.3	101.9	125.9	126.1	0.38	1.00	0.00	% Y80Y	134
135	79.6	0.333	0.604	0.551	-0.094	0.56	-31.7	31.4	44.6	135.8	91.5	-76.7	101.1	127.0	127.1	0.36	1.00	0.00	% Y82Y	135
136	79.0	0.328	0.608	0.54	-0.094	0.56	-32.3	31.1	44.9	136.8	91.2	-79.1	100.4	127.9	128.2	0.35	1.00	0.00	% Y84Y	136
137	78.1	0.321	0.612	0.524	-0.094	0.57	-33.2	30.9	45.2	137.7	90.8	-82.7	99.1	129.1	129.8	0.33	1.00	0.00	% Y86Y	137
138	76.9	0.311	0.618	0.504	-0.094	0.59	-34.3	30.6	45.6	138.8	90.2	-87.2	97.2	130.6	131.8	0.32	1.00	0.00	% Y88Y	138
139	75.7	0.302	0.623	0.485	-0.094	0.60	-35.1	30.4	45.9	139.8	90.1	-90.6	95.8	131.4	132.9	0.31	1.00	0.00	% Y90Y	139
140	74.6	0.294	0.627	0.468	-0.094	0.61	-35.8	30.2	46.1	141.2	89.2	-94.9	93.4	133.1	135.4	0.29	1.00	0.00	% Y92Y	140
141	73.5	0.287	0.63	0.455	-0.095	0.62	-36.4	28.2	46.0	142.2	88.7	-98.1	91.5	134.2	136.9	0.27	1.00	0.00	% Y94Y	141
142	72.6	0.28	0.632	0.443	-0.095	0.63	-36.8	27.6	46.0	143.8	88.2	-100.8	89.7	135.0	138.3	0.26	1.00	0.00	% Y96Y	142
143	71.7	0.274	0.634	0.432	-0.095	0.64	-37.1	27.1	45.9	145.3	87.8	-103.2	88.0	136.6	139.5	0.24	1.00	0.00	% Y98Y	143
144	70.8	0.269	0.635	0.423	-0.095	0.64	-37.4	26.8	45.8	146.8	87.4	-105.2	86.8	137.8	140.7	0.23	1.00	0.00	% Y100Y	144
145	70.1	0.264	0.635	0.416	-0.096	0.65	-37.4	26.1	45.6	148.5	87.0	-106.9	84.9	138.6	141.6	0.21	1.00	0.00	% Y102Y	145
146	68.8	0.255	0.636	0.407	-0.096	0.66	-38.1	25.5	45.5	146.2	86.4	-108.3	81.5	137.7	143.5	0.2	1.00	0.00	% Y104Y	146
147	67.6	0.246	0.636	0.397	-0.097	0.66	-38.1	24.4	45.5	147.3	85.8	-113.5	78.3	137.9	145.3	0.18	1.00	0.00	% Y106Y	147
148	66.6	0.24	0.636	0.386	-0.097	0.66	-38.1	23.6	45.5	148.3	85.2	-115.8	76.8	138.7	147.1	0.17	1.00	0.00	% Y108Y	148
149	65.7	0.232	0.63	0.367	-0.087	0.67	-38.3	22.9	44.6	149.1	84.8	-117.8	72.1	138.2	148.5	0.15	1.00	0.00	% Y110Y	149
150	65.7	0.232	0.63	0.367	-0.087	0.67	-38.3	22.9												

http://130.149.60.45/~farbmetrik/VE40/VE40LONP.PDF /.PS; transfer output

N: no 3D-linearization (OL) in file (F) or PS-startup (S), page 4/5

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technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

rgb^*_{eAB} and CIE data of a elementary hue circle according to CIE R1-47 for Ostwald colours for CIE illuminant D65

$Yxy, abc_{AB}, ABC_{AB}, LabC^*_{ab}, h_{ab}$ data for relative spacing of elementary hue h_{AB} of LINYAB for CIE 2 degree observer

Elementary hue circle with 4 intended elementary hue angles: $h_{AB} = 17.7, 93.3, 159.1, 270.8$ of LINYAB, and 90 intended hue angles:

180, 181, ..., 269, LINYAB data of CIE test colours 9 (R): 11.2 9.9 3.1, 10 (Y): 55.9 1.0 1.2 20.9, 11 (G): 20.3 -7.2 2.7, 12 (B): 6.4 0.1 -8.2

no-AB _{X0}	x ₁₀	y ₁₀	a ₁₀	b ₁₀	C _{AB,10}	A ₁₀	B ₁₀	C _{AB,10}	h _{AB,10}	L* ₁₀	a* ₁₀	b* ₁₀	C* _{ab,10}	h _{ab,10}	rgb* _{eAB,10}	CodeAB ₁₀
180	59.2	0.167	0.404	0.415	-0.423	0.535	-31.6	0.7	31.6	178.7	81.4	-101.1	1.5	101.1	179.1	0.00 1.00 0.37 6188
181	59.1	0.167	0.399	0.419	-0.432	0.531	-31.4	0.1	31.4	179.6	81.4	-100.1	1.6	100.1	179.7	0.00 1.00 0.39 6198
182	59.1	0.167	0.395	0.423	-0.441	0.527	-31.1	-0.3	31.1	178.6	81.3	-99.2	-0.7	99.2	180.4	0.00 1.00 0.4 6208
183	59.1	0.167	0.391	0.427	-0.45	0.523	-30.9	-0.8	30.9	181.6	81.3	-98.2	-1.8	98.2	181.0	0.00 1.00 0.42 6218
184	59.1	0.167	0.387	0.431	-0.459	0.52	-30.7	-1.4	30.7	182.6	81.3	-97.2	-3.0	97.2	181.7	0.00 1.00 0.44 6228
185	59.1	0.166	0.383	0.434	-0.468	0.516	-30.4	-1.9	30.5	183.6	81.3	-96.2	-4.1	96.3	182.4	0.00 1.00 0.46 6238
186	59.0	0.166	0.379	0.438	-0.477	0.513	-30.2	-2.4	30.3	184.7	81.3	-95.2	-5.2	95.3	183.1	0.00 1.00 0.48 6248
187	59.0	0.166	0.375	0.442	-0.486	0.51	-29.9	-3.0	30.1	185.7	81.3	-94.2	-6.3	94.4	183.8	0.00 1.00 0.49 6248
188	59.0	0.166	0.372	0.446	-0.495	0.507	-29.7	-3.5	29.9	186.8	81.3	-93.2	-7.4	93.5	184.5	0.00 1.00 0.51 6258
189	59.0	0.166	0.368	0.45	-0.505	0.504	-29.4	-4.1	29.7	187.9	81.3	-92.2	-8.4	92.6	185.2	0.00 1.00 0.53 6268
190	59.9	0.166	0.364	0.454	-0.514	0.501	-29.2	-4.6	29.9	189.0	81.2	-91.3	-9.5	91.8	185.9	0.00 1.00 0.55 6278
191	58.9	0.165	0.361	0.458	-0.523	0.499	-28.9	-5.1	29.4	190.1	81.2	-90.3	-10.5	90.9	186.6	0.00 1.00 0.57 6288
192	58.9	0.165	0.357	0.462	-0.532	0.497	-28.7	-5.6	29.3	191.2	81.2	-89.3	-11.5	90.1	187.3	0.00 1.00 0.58 6298
193	58.9	0.165	0.354	0.466	-0.541	0.495	-28.5	-6.2	29.1	192.3	81.2	-88.4	-12.5	89.3	188.0	0.00 1.00 0.6 6308
194	58.9	0.165	0.351	0.47	-0.55	0.493	-28.2	-6.7	29.0	193.4	81.2	-87.4	-13.5	89.5	188.8	0.00 1.00 0.62 6318
195	58.9	0.165	0.348	0.474	-0.558	0.491	-28.0	-7.2	28.9	194.5	81.2	-86.5	-14.5	87.7	189.5	0.00 1.00 0.64 6328
196	58.8	0.165	0.345	0.478	-0.567	0.49	-27.7	-7.7	28.8	195.6	81.2	-85.6	-15.5	87.0	190.2	0.00 1.00 0.65 6328
197	58.8	0.165	0.342	0.482	-0.576	0.488	-27.5	-8.2	28.7	196.7	81.2	-84.7	-16.3	86.3	190.9	0.00 1.00 0.67 6338
198	58.8	0.164	0.339	0.486	-0.584	0.487	-27.3	-8.7	28.6	197.8	81.2	-83.8	-17.2	85.6	191.6	0.00 1.00 0.69 6348
199	58.8	0.164	0.336	0.49	-0.593	0.486	-27.0	-9.2	28.5	198.9	81.1	-82.9	-18.1	84.9	192.3	0.00 1.00 0.71 6358
200	58.8	0.164	0.333	0.493	-0.601	0.485	-26.8	-9.7	28.4	199.9	81.1	-82.0	-19.0	84.2	193.0	0.00 1.00 0.73 6368
201	58.7	0.164	0.33	0.498	-0.611	0.485	-26.5	-10.3	28.5	201.3	81.0	-81.0	-20.0	83.3	193.9	0.00 1.00 0.74 6378
202	58.7	0.164	0.326	0.503	-0.622	0.484	-26.2	-10.9	28.4	202.7	81.1	-79.9	-21.1	82.6	194.8	0.00 1.00 0.76 6388
203	58.6	0.164	0.323	0.507	-0.633	0.484	-25.9	-11.5	28.4	204.0	81.1	-78.8	-22.2	81.9	195.7	0.00 1.00 0.78 6398
204	58.6	0.164	0.32	0.512	-0.643	0.484	-25.6	-12.1	28.4	205.3	81.0	-77.8	-23.2	81.2	196.5	0.00 1.00 0.8 6408
205	58.5	0.164	0.317	0.517	-0.652	0.484	-25.3	-12.7	28.4	206.5	81.0	-76.8	-24.1	80.5	197.4	0.00 1.00 0.82 6418
206	58.5	0.164	0.314	0.521	-0.661	0.485	-25.1	-13.2	28.4	207.8	81.0	-75.9	-25.0	79.9	198.2	0.00 1.00 0.83 6418
207	58.4	0.164	0.312	0.525	-0.67	0.486	-24.8	-13.7	28.4	208.9	81.0	-75.0	-25.8	79.3	199.0	0.00 1.00 0.85 6428
208	58.4	0.163	0.309	0.529	-0.679	0.487	-24.6	-14.2	28.4	210.0	80.9	-74.1	-26.7	78.8	199.8	0.00 1.00 0.87 6438
209	58.4	0.163	0.307	0.532	-0.687	0.487	-24.4	-14.7	28.4	211.3	80.9	-73.2	-27.4	78.2	200.5	0.00 1.00 0.89 6448
210	58.3	0.163	0.305	0.535	-0.695	0.486	-24.1	-15.2	28.4	212.7	80.9	-72.3	-28.1	77.5	201.2	0.00 1.00 0.91 6458
211	58.3	0.163	0.303	0.539	-0.702	0.489	-23.9	-15.5	28.5	213.0	80.9	-71.7	-28.8	77.3	201.9	0.00 1.00 0.92 6468
212	58.3	0.163	0.301	0.543	-0.709	0.49	-23.7	-15.9	28.6	213.9	80.9	-71.0	-29.5	76.9	202.5	0.00 1.00 0.94 6478
213	58.2	0.163	0.299	0.546	-0.716	0.492	-23.5	-16.3	28.6	214.7	80.9	-70.3	-30.1	76.5	203.1	0.00 1.00 0.96 6488
214	58.2	0.163	0.297	0.549	-0.723	0.493	-23.3	-16.7	28.7	215.6	80.8	-69.6	-30.8	76.1	203.8	0.00 1.00 0.98 6498
215	58.2	0.163	0.296	0.552	-0.727	0.494	-23.2	-17.0	28.7	216.2	80.8	-69.1	-31.1	75.8	204.2	0.00 1.00 0.99 6498
216	58.2	0.163	0.295	0.554	-0.733	0.495	-23.0	-17.3	28.8	216.9	80.8	-68.6	-31.6	75.5	204.7	0.00 1.00 0.98 6508
217	58.2	0.163	0.293	0.557	-0.737	0.496	-22.9	-17.6	28.8	217.5	80.8	-68.1	-32.0	75.2	205.2	0.00 1.00 0.96 6518
218	58.2	0.163	0.292	0.559	-0.742	0.497	-22.7	-17.8	28.9	218.0	80.8	-67.6	-32.4	75.0	205.6	0.00 1.00 0.94 6528
219	58.3	0.164	0.291	0.563	-0.746	0.498	-22.5	-18.0	28.9	218.5	80.8	-67.1	-32.8	74.8	206.0	0.00 1.00 0.93 6538
220	57.5	0.162	0.289	0.562	-0.756	0.503	-22.3	-18.4	28.9	219.6	80.4	-66.6	-33.6	74.6	206.7	0.00 1.00 0.91 6548
221	56.6	0.161	0.287	0.562	-0.768	0.511	-22.0	-18.8	28.9	220.5	80.0	-66.4	-34.4	74.8	207.4	0.00 0.89 1.00 6558
222	55.7	0.159	0.284	0.561	-0.78	0.52	-21.6	-19.2	29.0	221.5	79.4	-66.2	-35.3	75.0	208.0	0.00 0.87 1.00 6568
223	54.8	0.158	0.281	0.56	-0.794	0.529	-21.3	-19.6	29.0	222.6	78.9	-65.9	-36.2	75.3	208.8	0.00 0.85 1.00 6578
224	53.9	0.157	0.278	0.558	-0.807	0.536	-21.0	-20.0	29.1	223.7	78.4	-65.7	-37.2	75.6	209.5	0.00 0.83 1.00 6588
225	52.8	0.154	0.276	0.559	-0.823	0.551	-20.6	-20.5	29.1	224.7	77.7	-65.4	-38.2	75.8	210.2	0.00 0.82 1.00 6598
226	51.8	0.152	0.273	0.558	-0.839	0.562	-20.3	-20.9	29.1	225.8	77.2	-65.2	-39.2	76.1	211.0	0.00 0.8 1.00 6598
227	50.8	0.15	0.27	0.557	-0.855	0.574	-19.9	-21.3	29.2	226.9	76.6	-64.9	-40.2	76.4	211.8	0.00 0.78 1.00 6608
228	49.9	0.149	0.267	0.557	-0.871	0.587	-19.6	-21.7	29.3	227.9	76.0	-64.6	-41.2	76.6	212.5	0.00 0.76 1.00 6618
229	48.9	0.147	0.264	0.557	-0.887	0.599	-19.3	-22.1	29.4	228.9	75.4	-64.3	-42.3	76.9	213.2	0.00 0.74 1.00 6628
230	48.0	0.146	0.261	0.558	-0.906	0.612	-18.8	-22.6	29.4	229.7	74.8	-63.6	-43.3	76.9	214.0	0.00 0.73 1.00 6638
231	47.1	0.144	0.258	0.559	-0.922	0.624	-18.4	-22.9	29.4	231.2	74.3	-63.0	-44.2	76.9	215.0	0.00 0.71 1.00 6648
232	46.4	0.143	0.256	0.561	-0.937	0.635	-18.0	-23.2	29.4	232.1	73.8	-62.3	-45.0	76.9	215.8	0.00 0.69 1.00 6658
233	45.7	0.142	0.253	0.563	-0.951	0.645	-17.7	-23.6	29.5	233.1	73.3	-61.6	-45.8	76.6	216.6	0.00 0.67 1.00 6668
234	45.0	0.141	0.251	0.565	-0.966	0.655	-17.3	-23.8	29.5	234.9	72.9	-60.9	-46.6	76.7	217.4	0.00 0.65 1.00 6678
235	44.3	0.141	0.248	0.567	-0.981	0.667	-16.9	-24.2	29.5	234.9	72.4	-60.1	-47.4	76.6	218.2	0.00 0.64 1.00 6678
236	43.5	0.14	0.245	0.57	-0.998	0.679	-16.5	-24.5	29.5	235.9	71.9	-59.3	-48.3	76.5	219.1	0.00 0.62 1.00 6688
237	42.8	0.139	0.243	0.572	-1.016	0.692	-16.1	-24.8	29.6	236.9	71.4	-58.5	-49.1	76.4	220.0	0.00 0.6 1.00 6698
238	42.0	0.138	0.24	0.57	-1.034	0.706	-15.7	-25.1	29.6	237.9	70.9	-57.8	-50.0	76.3	220.9	0.00 0.58 1.00 6708
239	41.3	0.137	0.237	0.579	-1.052	0.72	-15.3	-25.4	29.7	238.9	70.4	-56.6	-50.9	76.1	221.9	0.00 0.56 1.00 6718
240	40.5	0.136	0.234	0.581	-1.071	0.734	-14.9	-25.8	29.8	239.9	69.8	-55.6	-51.8	76.0	222.9	0.00 0.55 1.00 6728
241	39.8	0.135	0.231	0.586	-1.091	0.75	-14.4	-26.1	29.8	240.9	69.3	-54.6	-52.7	75.9	223.9	0.00 0.53 1.00 6738
242	39.2	0.135	0.229	0.589	-1.108	0.763	-14.1	-26.3	29.9	241.8	68.9	-53.8	-53.4	75.8	224.8	0.00 0.51 1.00 6748
243	38.6	0.134	0.226	0.593	-1.126	0.777	-13.7	-26.6	30.0	242.6	68.4	-52.9	-54.2	75.7	225.7	0.00 0.49 1.00 6758
244	37.9	0.133	0.224	0.597	-1.145	0.792	-13.4	-26.9	30.0	243.6	67.9	-51.9	-55.0	75.6	226.6	0.00 0.48

http://130.149.60.45/~farbmatrik/VE40/VE40LONP.PDF /.PS; transfer output

N: no 3D-linearization (OL) in file (F) or PS-startup (S), page 5/5

see similar files: <http://130.149.60.45/~farbmatrik/VE40/VE40LONP.PDF>
technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmatrik>

TUB registration: 20130201-VE40/VE40LONP.PDF/.PS
application for measurement of display output, no separation
TUB material: code=rha4ta

rgb^*_{eAB} and CIE data of a elementary hue circle according to CIE R1-47 for Ostwald colours for CIE illuminant D65

$Yxy, abc_{AB}, ABC_{AB}, LabC^*_{ab}$ data for relative spacing of elementary hue h_{AB} of LYNAB for CIE 2 degree observer

Elementary hue circle with 4 intended elementary hue angles: $h_{AB} = 17.7, 93.3, 159.1, 270.8$ of LYNAB, and 90 intended hue angles:

270, 271, ..., 360, LYNAB data of CIE test colours 9 (R): 11.2 9.9 3.1, 10 (Y): 55.9 1.2 20.9, 11 (G): 20.3 -7.2 2.7, 12 (B): 6.4 0.1 -8.2

no.	ABX ₁₀	x	y	a	b	C _{AB}	h _{AB}	L*	a*	b*	C* _{ab}	h _{ab}	rgb* _{eAB,10}	Code _{AB,10}					
270	19.2	0.127	0.132	0.963	-2.244	1.889	0.2	-34.7	34.7	276.0	50.9	1.2	-83.9	83.9	276.8	0.00	0.61	1.00	% B09B
271	18.6	0.127	0.128	0.99	-2.316	1.881	0.7	-35.0	35.0	271.2	50.2	4.0	-85.1	85.2	272.6	0.0	0.00	1.00	% B09B
272	18.0	0.127	0.125	1.019	-2.389	1.954	1.2	-35.2	35.2	272.0	49.5	6.6	-86.2	86.5	274.4	0.02	0.00	1.00	% B01R
273	17.1	0.127	0.119	1.066	-2.512	2.08	1.9	-35.5	35.6	273.2	48.4	10.8	-88.1	88.8	277.0	0.04	0.00	1.00	% B02R
274	16.3	0.128	0.115	1.111	-2.627	2.197	2.6	-35.8	35.9	274.2	47.4	14.6	-89.7	90.9	279.2	0.05	0.00	1.00	% B02R
275	15.7	0.128	0.111	1.166	-2.736	2.389	3.2	-36.1	36.2	275.0	46.6	18.2	-91.1	93.7	281.3	0.07	0.00	1.00	% B03R
276	15.0	0.129	0.107	1.205	-2.85	2.428	3.8	-36.3	36.5	276.0	45.7	21.9	-92.6	95.1	283.3	0.09	0.00	1.00	% B04R
277	14.3	0.129	0.102	1.264	-2.989	2.573	4.5	-36.6	36.8	277.0	44.7	26.1	-94.2	97.7	285.5	0.11	0.00	1.00	% B05R
278	13.5	0.13	0.097	1.336	-3.157	2.749	5.2	-36.8	37.2	278.0	43.5	30.9	-96.0	100.9	287.8	0.13	0.00	1.00	% B06R
279	12.7	0.131	0.092	1.419	-3.349	2.951	5.9	-37.1	37.6	279.0	42.3	36.8	-97.9	104.3	289.1	0.15	0.00	1.00	% B07R
280	11.3	0.132	0.087	1.513	-3.567	3.202	6.6	-37.4	38.1	280.0	41.1	42.7	-99.9	120.2	290.4	0.16	0.00	1.00	% B08R
281	11.1	0.133	0.082	1.619	-3.809	3.44	7.4	-37.6	38.3	281.2	39.8	46.7	-102.0	112.2	294.6	0.19	0.00	1.00	% B09R
282	10.3	0.134	0.077	1.734	-4.075	3.723	8.1	-37.8	38.7	282.1	38.5	52.1	-104.6	106.4	296.6	0.2	0.00	1.00	% B10R
283	9.6	0.135	0.072	1.858	-4.357	4.025	8.8	-38.0	39.0	283.0	37.3	57.5	-106.9	102.6	298.6	0.22	0.00	1.00	% B11R
284	8.7	0.136	0.066	2.008	-4.631	4.355	9.7	-38.2	39.4	284.2	35.4	65.5	-109.0	97.2	301.0	0.24	0.00	1.00	% B12R
285	7.9	0.137	0.061	2.251	-4.975	4.73	10.4	-38.3	39.7	285.1	33.9	71.7	-111.7	92.3	302.8	0.26	0.00	1.00	% B13R
286	6.7	0.131	0.052	2.488	-5.282	5.168	10.7	-38.6	40.0	286.0	31.1	76.8	-115.6	83.8	303.5	0.28	0.00	1.00	% B14R
287	5.6	0.128	0.045	2.848	-5.795	5.717	10.7	-38.8	40.2	286.4	28.5	84.7	-119.6	64.5	305.3	0.3	0.00	1.00	% B15R
288	6.3	0.144	0.05	2.887	-6.421	6.291	12.3	-38.2	40.2	287.0	30.4	89.6	-115.1	64.6	307.6	0.32	0.00	1.00	% B16R
289	6.7	0.15	0.052	2.886	-6.655	6.597	12.9	-38.1	40.2	288.0	31.3	90.6	-114.5	64.6	308.3	0.34	0.00	1.00	% B17R
290	7.1	0.157	0.055	2.848	-7.37	7.243	12.7	-38.2	40.2	289.0	32.2	91.7	-112.7	64.6	309.7	0.36	0.00	1.00	% B18R
291	7.6	0.163	0.057	2.826	-5.395	5.362	14.2	-37.6	40.3	290.7	33.1	92.7	-112.1	64.8	309.8	0.37	0.00	1.00	% B18R
292	8.0	0.169	0.06	2.807	-5.699	5.62	14.9	-37.4	40.3	291.7	34.0	93.7	-109.6	64.2	310.5	0.39	0.00	1.00	% B19R
293	8.4	0.175	0.063	2.788	-4.826	4.76	15.6	-37.2	40.3	292.7	34.9	94.7	-108.0	64.3	311.2	0.41	0.00	1.00	% B20R
294	8.9	0.182	0.065	2.77	-4.572	4.52	16.2	-37.0	40.4	293.7	35.9	95.8	-106.4	64.3	311.9	0.43	0.00	1.00	% B21R
295	9.4	0.189	0.068	2.753	-4.865	4.59	16.7	-36.8	40.4	294.7	36.8	96.7	-104.4	64.3	312.6	0.45	0.00	1.00	% B22R
296	9.9	0.194	0.071	2.736	-4.12	4.095	17.7	-36.5	40.6	295.7	37.7	97.7	-103.2	64.2	313.4	0.47	0.00	1.00	% B23R
297	10.4	0.201	0.073	2.72	-3.919	3.977	18.4	-36.3	40.7	296.9	38.6	98.7	-101.6	64.1	314.1	0.48	0.00	1.00	% B24R
298	10.9	0.207	0.076	2.704	-3.733	3.735	19.1	-36.0	40.8	298.0	39.4	99.6	-100.0	64.1	314.8	0.5	0.00	1.00	% B25R
299	11.4	0.213	0.079	2.689	-3.56	3.576	19.9	-35.8	40.9	299.0	40.3	100.6	-98.5	64.0	315.6	0.52	0.00	1.00	% B26R
300	11.9	0.219	0.082	2.673	-3.4	3.423	20.6	-35.6	40.9	300.0	41.2	101.6	-96.9	64.0	316.3	0.54	0.00	1.00	% B27R
301	12.5	0.225	0.084	2.661	-3.251	3.294	21.4	-35.2	41.2	301.2	42.0	102.4	-95.4	64.0	316.9	0.56	0.00	1.00	% B28R
302	13.0	0.231	0.087	2.647	-3.113	3.17	22.1	-35.0	41.4	302.3	42.8	103.2	-94.0	64.0	317.6	0.58	0.00	1.00	% B29R
303	13.6	0.237	0.089	2.634	-2.985	3.055	22.9	-34.7	41.6	303.4	43.7	104.1	-92.5	63.9	318.3	0.6	0.00	1.00	% B30R
304	14.2	0.243	0.09	2.62	-2.865	2.932	23.6	-34.4	41.7	304.4	44.6	105.0	-91.1	63.9	319.0	0.62	0.00	1.00	% B31R
305	14.7	0.248	0.095	2.61	-2.754	2.851	24.4	-34.1	42.0	305.5	45.5	105.7	-89.7	63.8	319.6	0.63	0.00	1.00	% B31R
306	15.3	0.254	0.097	2.598	-2.65	2.761	25.2	-33.9	42.2	306.6	46.6	106.5	-88.3	63.8	320.3	0.65	0.00	1.00	% B32R
307	15.8	0.259	0.1	2.586	-2.554	2.677	25.9	-33.6	42.5	307.6	46.8	107.2	-86.9	63.8	320.9	0.67	0.00	1.00	% B33R
308	16.4	0.264	0.102	2.575	-2.464	2.599	26.7	-33.3	42.7	308.7	47.5	107.9	-85.6	63.8	321.5	0.69	0.00	1.00	% B34R
309	17.0	0.269	0.105	2.567	-2.381	2.527	27.4	-33.0	42.9	309.7	48.3	108.6	-84.3	63.7	322.2	0.7	0.00	1.00	% B35R
310	17.5	0.274	0.107	2.554	-2.301	2.46	28.2	-32.8	43.2	310.6	49.0	109.3	-83.0	63.7	322.7	0.73	0.00	1.00	% B36R
311	18.1	0.279	0.109	2.544	-2.227	2.398	28.9	-32.5	43.5	311.6	49.6	109.9	-81.8	63.7	323.3	0.75	0.00	1.00	% B37R
312	18.7	0.283	0.111	2.534	-2.158	2.34	29.6	-32.2	43.8	312.5	50.3	110.5	-80.6	63.6	323.9	0.77	0.00	1.00	% B38R
313	19.2	0.286	0.114	2.524	-2.093	2.286	30.3	-31.9	44.0	313.5	51.0	111.1	-79.4	63.6	324.4	0.78	0.00	1.00	% B39R
314	19.8	0.289	0.116	2.514	-2.028	2.228	31.0	-31.6	44.2	314.4	51.7	111.7	-78.2	63.5	324.9	0.79	0.00	1.00	% B40R
315	20.3	0.296	0.118	2.505	-1.976	2.189	31.7	-31.4	44.6	315.2	52.2	112.2	-77.1	63.5	325.4	0.82	0.00	1.00	% B41R
316	20.9	0.3	0.12	2.496	-1.923	2.145	32.3	-31.1	44.9	316.1	52.8	112.7	-76.0	63.5	325.9	0.84	0.00	1.00	% B42R
317	21.8	0.306	0.123	2.474	-1.841	2.073	33.2	-30.7	45.2	317.2	53.8	113.0	-74.3	63.5	326.6	0.86	0.00	1.00	% B43R
318	23.0	0.313	0.128	2.456	-1.736	1.974	34.3	-30.0	45.9	318.5	55.1	113.6	-71.8	63.5	327.5	0.88	0.00	1.00	% B44R
319	24.2	0.319	0.133	2.439	-1.613	1.889	35.4	-29.2	46.9	319.7	56.9	114.2	-69.5	63.4	328.2	0.9	0.00	1.00	% B45R
320	25.3	0.324	0.137	2.463	-1.57	1.812	35.8	-28.7	45.9	322.1	57.4	112.3	-67.1	63.3	328.9	0.91	0.00	1.00	% B45R
321	26.4	0.328	0.141	2.328	-1.594	1.744	36.4	-28.2	46.0	322.2	58.4	111.6	-65.6	63.2	329.5	0.93	0.00	1.00	% B46R
322	27.3	0.332	0.144	2.295	-1.446	1.682	36.8	-27.6	46.0	323.0	59.3	110.9	-63.8	63.2	329.9	0.95	0.00	1.00	% B47R
323	28.2	0.335	0.148	2.263	-1.395	1.626	37.1	-27.1	45.9	323.8	60.1	110.0	-62.2	63.2	330.5	0.97	0.00	1.00	% B48R
324	29.4	0.34	0.151	2.232	-1.35	1.575	37.3	-26.6	45.8	324.4	60.8	109.1	-60.7	63.2	331.2	0.98	0.00	1.00	% B49R
325	29.8	0.34	0.154	2.203	-1.31	1.528	37.4	-26.1	45.6	325.6	61.5	108.1	-59.3	63.3	331.2	1.00	0.00	0.98	% B50R
326	31.1	0.344	0.159	2.165	-1.248	1.462	37.8	-25.3	45.5	326.2	62.6	107.0	-57.0	63.2	331.9	1.00	0.00	0.96	% B51R
327	32.3	0.348	0.163	2.129	-1.192	1.4	38.1	-24.4	45.2	327.3	63.6	105.8	-54.7	63.1	332.6	1.00	0.00	0.94	% B52R
328	33.5	0.351	0.167	2.092	-1.144	1.348	38.4	-23.4	44.9	328.2	64.4	104.7	-52.7	63.0	333.2	1.00	0.00	0.93	% B53R
329	34.2	0.354	0.171	2.068	-1.104	1.303	38.3	-22.9	44.6	329.1	65.1	103.5	-50.8	63.1	333.8	1.00	0.00	0.91	% B54R
330	35.1	0.357	0.175	2.042	-1.066	1.261	38.3	-22.1	44.2	329.9	65.8	102.4	-49.0	63.1	334.4	1.00	0.00	0.89	% B55R
331	35.9	0.36	0.1																