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

TUB registration: 20130201-VE38/VE38LONA.TXT /PS  
 application for measurement of display output, no separation

TUB material: code=rha4ta

**Ostwald optimal colours (o) of maximum (m) C<sub>AB</sub> for E00, Y<sub>w</sub>=100, Y<sub>m</sub>=520\_770, LINYAB data**

i <sub>1</sub> , λ <sub>1</sub>	i <sub>2</sub> , λ <sub>2</sub>	Y <sub>100</sub>	A <sub>100</sub>	B <sub>100</sub>	C <sub>AB</sub>	a	b	h <sub>AB</sub>	i <sub>d</sub> , λ <sub>d</sub>	i <sub>c</sub> , λ <sub>c</sub>	Code	%	
1	405	32	564	57.42	-24.95	-16.34	29.83	0.5653	-0.6845	213.2	16 484 38 592	Cm	%
6	435	33	565	57.91	-29.14	-7.99	30.22	0.4967	-0.538	195.3	17 488 45 627		%
10	450	33	566	58.45	-35.13	5.29	35.53	0.3988	-0.3094	171.4	19 498 -1 498c		%
12	460	33	568	59.28	-37.54	11.81	39.35	0.3666	-0.2007	162.5	21 507 -1 507c		%
13	465	33	569	60.14	-38.45	14.78	41.19	0.3606	-0.1541	158.9	22 514 -1 514c		%
14	470	34	571	61.52	-38.94	17.52	42.7	0.3669	-0.1152	155.7	24 522 -1 522c		%
14	475	35	575	64.53	-39.14	18.72	43.38	0.3934	-0.1098	154.4	25 525 -1 525c	Gm	%
16	480	36	581	68.21	-38.3	23.26	44.81	0.4385	-0.0589	148.7	27 538 -1 538c		%
17	485	39	595	76.7	-34.16	27.66	43.96	0.5546	-0.0393	140.9	29 549 -1 549c		%
18	490	-1	490c	94.54	-11.19	35.56	37.28	0.8815	-0.0238	107.4	33 568 11 459	max	%
19	495	-1	495c	93.18	-9.88	35.6	36.94	0.8939	-0.0179	105.5	33 568 12 461		%
19	500	-1	499c	93.18	-9.88	35.6	36.94	0.8939	-0.0179	105.5	33 568 12 461		%
22	510	-1	510c	86.74	-3.57	34.08	34.26	0.9587	-0.0071	95.9	34 571 13 469		%
24	520	-1	520c	80.14	2.4	31.74	31.83	1.0299	-0.0038	85.6	34 574 14 473	Ym	%
26	530	-1	530c	72.11	8.87	28.69	30.03	1.123	-0.0021	72.8	35 577 15 477		%
28	540	-1	540c	63.21	15.04	25.21	29.35	1.2379	-0.0011	59.1	36 581 15 479		%
29	545	-1	545c	58.59	17.8	23.38	29.39	1.3039	-0.0009	52.7	36 583 16 480		%
29	550	-1	549c	58.59	17.8	23.38	29.39	1.3039	-0.0009	52.7	36 583 16 480		%
30	555	-1	554c	53.92	20.26	21.53	29.56	1.3757	-0.0007	46.7	37 585 16 482		%
32	560	-1	560c	44.64	23.98	17.83	29.88	1.5372	-0.0005	36.6	38 590 16 483		%
380	770	100.0	0.0	0.0	0.01	1.0	-0.4	0.0					%

**Ostwald optimal colours (o) of maximum (m) C<sub>AB</sub> for E00, Y<sub>w</sub>=100, Y<sub>m</sub>=770\_520, LINYAB complementary**

i <sub>1</sub> , λ <sub>1</sub>	i <sub>2</sub> , λ <sub>2</sub>	Y <sub>100</sub>	A <sub>100</sub>	B <sub>100</sub>	C <sub>AB</sub>	a	b	h <sub>AB</sub>	i <sub>d</sub> , λ <sub>d</sub>	i <sub>c</sub> , λ <sub>c</sub>	Code	%	
32	564	1	405	42.57	24.95	16.34	29.83	1.5862	-0.0161	33.2	38 592 16 484	Rm	%
33	565	6	435	42.08	29.14	7.99	30.22	1.6926	-0.21	15.3	45 627 17 488		%
33	566	10	450	41.54	35.13	-5.29	35.53	1.8457	-0.5274	351.4	-1 498c 19 498		%
33	568	12	460	40.71	37.54	-11.81	39.35	1.9221	-0.6901	342.5	-1 507c 21 507		%
33	569	13	465	39.85	38.45	-14.78	41.19	1.9647	-0.771	338.9	-1 514c 22 514		%
34	571	14	470	38.47	38.94	-17.51	42.7	2.0122	-0.8553	335.7	-1 522c 24 522		%
35	575	14	475	35.46	39.14	-18.72	43.38	2.1036	-0.9278	334.4	-1 525c 25 525	Mm	%
36	581	16	480	31.78	38.3	-23.26	44.81	2.205	-1.1319	328.7	-1 538c 27 538		%
39	595	17	485	23.29	34.16	-27.66	43.96	2.4665	-1.5876	320.9	-1 549c 29 549		%
-1	490c	18	490	5.45	11.19	-35.56	37.28	3.0513	-6.9152	287.4	11 459 33 568	min	%
-1	495c	19	495	6.81	9.88	-35.6	36.94	2.4491	-5.6211	285.5	12 461 33 568		%
-1	499c	19	500	6.81	9.88	-35.6	36.94	2.4491	-5.6211	285.5	12 461 33 568		%
-1	510c	22	510	13.25	3.57	-34.08	34.26	1.2699	-2.9707	275.9	13 469 34 571		%
-1	520c	24	520	19.85	-2.4	-31.74	31.83	0.879	-1.9985	265.6	14 473 34 574	Bm	%
-1	530c	26	530	27.88	-8.87	-28.69	30.03	0.6818	-1.4288	252.8	15 477 35 577		%
-1	540c	28	540	36.78	-15.04	-25.21	29.35	0.591	-1.0854	239.1	15 479 36 581		%
-1	545c	29	545	41.4	-17.8	-23.38	29.39	0.5699	-0.9647	232.7	16 480 36 583		%
-1	549c	29	550	41.4	-17.8	-23.38	29.39	0.5699	-0.9647	232.7	16 480 36 583		%
-1	554c	30	555	46.07	-20.26	-21.53	29.56	0.5601	-0.8673	226.7	16 482 37 585		%
-1	560c	32	560	55.35	-23.98	-17.83	29.88	0.5668	-0.7221	216.6	16 483 38 590		%
380	770	100.0	0.0	0.0	0.01	1.0	-0.4	0.0					%

**Ostwald optimal colours (o) of maximum (m) C<sub>AB</sub> for E00, Y<sub>w,10</sub>=100, Y<sub>m</sub>=520\_770, LINYAB data**

i <sub>1</sub> , λ <sub>1</sub>	i <sub>2</sub> , λ <sub>2</sub>	Y <sub>100</sub>	A <sub>100</sub>	B <sub>100</sub>	C <sub>AB</sub>	a	b	h <sub>AB</sub>	i <sub>d</sub> , λ <sub>d</sub>	i <sub>c</sub> , λ <sub>c</sub>	Code	%	
1	405	31	559	55.67	-23.85	-16.83	29.19	0.5714	-0.7023	215.2	15 477 37 589	Cm	%
7	435	32	561	56.07	-29.8	-3.91	30.06	0.4683	-0.4698	187.4	16 484 -1 484c		%
10	450	32	562	56.42	-33.81	6.43	34.42	0.4005	-0.2859	169.2	18 493 -1 493c		%
12	460	33	565	57.5	-35.67	12.82	37.91	0.3794	-0.177	160.2	21 506 -1 506c		%
13	465	33	568	58.96	-36.09	15.86	39.42	0.3878	-0.1309	156.2	23 515 -1 515c		%
13	470	34	572	62.72	-36.13	17.37	40.09	0.4238	-0.123	154.3	24 520 -1 520c		%
14	475	36	581	68.2	-35.02	21.58	41.14	0.4863	-0.0836	148.3	26 532 -1 532c	Gm	%
16	480	40	604	80.28	-25.55	29.1	38.73	0.6815	-0.0374	131.2	30 551 -1 551c		%
17	485	-1	485c	91.81	-8.69	34.56	35.64	0.9052	-0.0235	104.1	32 564 11 456		%
18	490	-1	490c	90.24	-7.16	34.54	35.28	0.9204	-0.0171	101.7	32 564 11 458	max	%
19	495	-1	495c	88.4	-5.35	34.26	34.67	0.9393	-0.0124	98.8	33 565 12 460		%
20	500	-1	500c	86.28	-3.26	33.73	33.89	0.962	-0.009	95.5	33 566 12 462		%
22	510	-1	510c	81.07	1.59	32.05	32.09	1.0195	-0.0047	87.1	33 569 13 466		%
23	520	-1	519c	77.97	4.29	30.93	31.22	1.0549	-0.0033	82.1	34 570 13 468	Ym	%
25	530	-1	529c	70.93	9.82	28.26	29.92	1.1384	-0.0015	70.8	34 573 14 470		%
27	540	-1	539c	63.03	15.1	25.18	29.36	1.2395	-0.0005	59.0	35 577 14 473		%
29	545	-1	545c	54.64	19.62	21.85	29.37	1.359	0.0	48.0	36 582 15 475		%
29	550	-1	549c	54.64	19.62	21.85	29.37	1.359	0.0	48.0	36 582 15 475		%
31	555	-1	555c	46.09	22.87	18.44	29.38	1.4962	0.0	38.8	37 587 15 476		%
32	560	3	415	41.99	25.16	14.2	28.89	1.5991	-0.0619	29.4	39 595 15 478		%
380	770	99.99	0.0	0.0	0.01	0.9999	-0.4	0.0					%

**Ostwald optimal colours (o) of maximum (m) C<sub>AB</sub> for E00, Y<sub>w,10</sub>=100, Y<sub>m</sub>=770\_520, LINYAB complementary**

i <sub>1</sub> , λ <sub>1</sub>	i <sub>2</sub> , λ <sub>2</sub>	Y <sub>100</sub>	A <sub>100</sub>	B <sub>100</sub>	C <sub>AB</sub>	a	b	h <sub>AB</sub>	i <sub>d</sub> , λ <sub>d</sub>	i <sub>c</sub> , λ <sub>c</sub>	Code	%	
31	559	1	405	44.32	23.85	16.83	29.19	1.5381	-0.0202	35.2	37 589 15 477	Rm	%
32	561	7	435	43.92	29.8	3.91	30.06	1.6786	-0.3109	7.4	-1 484c 16 484		%
32	562	10	450	43.57	33.81	-6.43	34.42	1.7759	-0.5476	349.2	-1 493c 18 493		%
33	565	12	460	42.49	35.67	-12.82	37.91	1.8394	-0.7017	340.2	-1 506c 21 506		%
33	568	13	465	41.03	36.09	-15.86	39.42	1.8794	-0.7867	336.2	-1 515c 23 515		%
34	572	13	470	37.27	36.13	-17.37	40.09	1.9695	-0.8662	334.3	-1 520c 24 520		%
36	581	14	475	31.79	35.02	-21.58	41.14	2.1017	-1.0788	328.3	-1 532c 26 532	Mm	%
40	604	16	480	19.71	25.55	-29.1	38.73	2.2961	-1.8762	311.2	-1 551c 30 551		%
-1	485c	17	485	8.18	8.69	-34.56	35.64	2.0622	-4.6232	284.1	11 456 32 564		%
-1	490c	18	490	9.75	7.16	-34.54	35.28	1.7342	-3.9405	281.7	11 458 32 564	min	%
-1	495c	19	495	11.59	5.35	-34.26	34.67	1.4614	-3.3554	278.8	12 460 33 565		%
-1	500c	20	500	13.71	3.26	-33.73	33.89	1.2379	-2.8589	275.5	12 462 33 566		%
-1	510c	22	510	18.92	-1.59	-32.05	32.08	0.9156	-2.0933	267.1	13 466 33 569		%
-1	519c	23	520	22.02	-4.29	-30.93	31.22	0.805	-1.8041	262.1	13 468 34 570	Bm	%
-1	529c	25	530	29.06	-9.82	-28.26	29.92	0.6618	-1.3726	250.8	14 470 34 573		%
-1	539c	27	540	36.96	-15.1	-25.18	29.36	0.5912	-1.0813	239.0	14 473 35 577		%
-1	545c	29	545	45.35	-19.62	-21.85	29.37	0.5673	-0.8818	228.0	15 475 36 582		%
-1	549c	29	550	45.35	-19.62	-21.85	29.37	0.5673	-0.8818	228.0	15 475 36 582		%
-1	555c	31	555	53.9	-22.87	-18.44	29.38	0.5754	-0.7421	218.8	15 476 37 587	</	

