

Siehe ähnliche Dateien: <http://130.149.60.45/~farbmetrik/VG38/VG38LONP.PDF> /PS
Technische Information: <http://www.ps.bam.de> oder <http://130.149.60.45/~farbmetrik>

Ostwald-Optimalfarben (o) von maximalem (m) C _{AB} für E00, Y _w =100, Y _m =520_770, LINYAB-Daten															%
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	%			
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-Optimalfarben (o) von maximalem (m) C _{AB} für E00, Y _w =100, Y _m =770_520, LINYAB komplementär%														
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	%		
32 564	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-Optimalfarben (o) von maximalem (m) C _{AB} für E00, Y _{w,10} =100, Y _m =520_770, LINYAB-Daten															%
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		%		
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-Optimalfarben (o) von maximalem (m) C _{AB} für E00, Y _{w,10} =100, Y _m =770_520, LINYAB komplementär														
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	%		
31 559	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	34.2	-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		%		
3 415	32 560	58.0	-25.16	-14.2	28.89	0.5659	-0.6448	209.4	15 478	39 595		%		
380	770	99.99	0.0	0.0	0.01	0.9999	-0.4	0.0				%		

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TUB-Registrierung: 20130201-VG38/VG38LONP.PDF /PS
Anwendung für Messung von Display-Ausgabe, keine Separation
TUB-Material: Code=rh4ta

Ostwald-Optimalfarben (o) von maximalem (m) C _{AB} für E00, Y _w =100, Y _m =520_770, LINYAB-Daten														%
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	%		
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				%		

rgb* _{e,AB} und CIE-Daten eines Elementar-Bunttonkreises nach CIE R1-47 für Ostwald-Farben für CIE-Lichtart E00																
Yxy, abc _{AB} , ABC _{AB} , LabC* _{ab} h _{ab} -Daten für relative Stufung des Elementarbunttons h _{AB} von LINYAB für CIE-2-Grad Beobachter																
Elementar-Bunttonkreis mit 4 Ziel-Elementar-Bunttonwinkeln: h _{AB} = 16.9, 92.2, 162.4, 268.6 von LINYAB und 16 Ziel-Bunttonwinkeln:																
16.9	35.7	54.5	73.3	92.2	109.7	127.3	144.8	162.4	188.9	215.5	242.0	268.6	295.7	322.7	349.8	
LINYAB-Daten CIE-Testfarben 9 (R): 12.4 11.1 3.3, 10 (Y): 60.0 -0.7 19.6, 11 (G): 19.7 -7.2 2.3, 12 (B): 6.0 -0.1 -7.3																
no _{AB}	Y	x	y	a	b	C _{AB}	h _{AB}	L*	a*	b*	C* _{ab}	h _{ab}	rgb* _{e,AB}		Code _{AB}	
000	42.1	0.533	0.317	1.681	-0.187	0.713	28.6	8.9	38.0	17.3	70.9	70.8	33.4	78.3	25.3	1.00 0.00 0.00 % R00Y #
001	43.6	0.61	0.392	1.556	-0.083	0.687	24.2	17.5	29.9	35.9	71.9	60.2	129.7	143.0	65.1	1.00 0.25 0.00 % R25Y #
002	59.4	0.563	0.435	1.291	0.0	0.494	17.3	23.7	29.3	53.8	81.5	37.4	138.4	143.4	74.8	1.00 0.50 0.00 % R50Y #
003	72.4	0.526	0.47	1.118	-0.082	0.415	8.5	28.8	30.0	73.4	88.2	17.0	145.9	146.9	83.3	1.00 0.75 0.00 % R75Y #
004	84.4	0.492	0.5	0.983	-0.085	0.395	-1.3	33.3	33.3	92.3	93.6	-2.6	144.0	144.0	91.0	1.00 1.00 0.00 % Y00G #
005	93.6	0.449	0.518	0.866	-0.024	0.318	-12.5	35.1	37.3	109.6	97.4	-22.8	118.4	120.6	100.9	0.75 1.00 0.00 % Y25G #
006	84.4	0.395	0.559	0.786	-0.031	0.47	-24.7	31.1	39.7	128.5	93.6	-51.5	107.8	119.5	115.5	0.50 1.00 0.00 % Y50G #
007	71.5	0.298	0.627	0.474	-0.047	0.632	-37.6	25.2	45.3	146.1	87.7	-98.3	91.1	134.1	137.1	0.25 1.00 0.00 % Y75G #
008	59.3	0.196	0.537	0.366	-0.198	0.665	-37.6	11.9	39.4	162.3	81.4	-119.5	35.0	124.5	163.6	0.00 1.00 0.00 % G00B #
009	58.0	0.176	0.375	0.469	-0.476	0.536	-30.7	-4.4	31.1	188.2	80.7	-92.8	-10.0	93.4	186.1	0.00 1.00 0.50 % G25B #
010	56.5	0.17	0.298	0.57	-0.71	0.53	-24.3	-17.5	29.9	215.8	79.9	-79.6	-34.8	78.7	286.2	0.00 1.00 1.00 % G50B #
011	35.0	0.135	0.224	0.603	-1.138	0.837	-13.9	-25.8	29.3	241.7	65.8	-54.6	-58.8	80.2	227.1	0.00 0.50 1.00 % G75B #
012	17.8	0.128	0.133	0.962	-2.218	1.818	-0.6	-32.4	32.5	268.8	49.3	-3.5	-86.7	86.8	267.6	0.00 0.00 1.00 % B00R #
013	9.1	0.198	0.071	2.789	-4.182	4.112	16.3	-33.9	37.6	295.7	36.3	91.8	-105.6	140.0	310.9	0.50 0.00 1.00 % B25R #
014	25.9	0.344	0.143	2.397	-1.421	1.731	36.2	-26.4	44.8	323.8	57.9	107.8	-67.0	127.0	328.1	1.00 0.00 1.00 % B50R #
015	41.4	0.435	0.233	1.863	-0.565	0.879	35.7	-6.8	36.4	349.1	70.4	85.9	-18.2	87.8	348.0	1.00 0.00 0.50 % B75R #
016	42.1	0.533	0.317	1.681	-0.187	0.713	28.6	8.9	38.0	17.3	70.9	70.8	33.4	78.3	25.3	1.00 0.00 0.00 % R00Y #
CIEXYZ-Daten von CIE-Testfarben 9 (R): 23.5 12.4 4.0, 10 (Y): 59.2 60.0 10.9, 11 (G): 12.4 19.7 13.9, 12 (B): 5.8 6.0 24.4																
5-stufige gleichabständige Graureihe mit Ziel-Helligkeit: L* = 0.0, 25.0, 50.0, 75.0, 100.0																
000	0.0	0.0	0.0	0.0	0.0	0.0	1.077	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00 0.00 0.00 % N000W #
001	4.4	0.333	0.333	0.999	-0.399	0.81	0.0	0.0	0.0	83.3	25.0	0.0	0.0	0.0	0.0	0.25 0.25 0.25 % N025W #
002	18.4	0.333	0.333	1.0	-0.4	0.81	0.0	0.0	0.0	60.3	50.0	0.0	0.0	0.0	0.0	0.50 0.50 0.50 % N050W #
003	48.2	0.333	0.333	1.0	-0.4	0.81	0.0	0.0	0.0	19.1	75.0	0.0	0.0	0.0	0.0	0.75 0.75 0.75 % N075W #
004	100.0	0.333	0.333	1.0	-0.4	0.81	0.0	0.0	0.0	0.0	100.0	0.0	0.0	0.0	0.0	1.00 1.00 1.00 % N100W #

Ostwald-Optimalfarben (o) von maximalem (m) C _{AB} für E00, Y _{w,10} =100, Y _m =520_770, LINYAB-Daten														%
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	%		
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			%		