

Siehe ähnliche Dateien: <http://130.149.60.45/~farbmtrik/VG67/VG67L0N1.TXT>
Technische Information: <http://www.ps.bam.de> oder <http://130.149.60.45/~farbmtrik>

Farbreize für gerade unterscheidbare Farb-Schwellen (p=50%) in GR-Richtung												
Nummer Farb- Serie	CIELAB-Differenzen Hellichkeit, Blauheit, Gelbheit, Rot				LABJND-Differenzen Hellichkeit, Blauheit, Gelbheit, Rot				Farb-Differenzen Säulchen Formeln CMC/C94 C00		Bemerkungen Experiment- Serie	
	ΔL^*	Δa^*	Δb^*	ΔE^*	ΔL^*	Δa^*	Δb^*	ΔE^*				
0 WPN	0.0	-1.13	0.1	1.13	0.0	-0.87	0.06	0.87	1.59	1.08	1.62	WN, GR, BY
1 WPN	0.0	-0.9	0.1	0.9	0.0	-0.93	0.08	0.93	1.18	0.85	1.25	grauses Umfeld
2 WPN	0.0	-0.75	0.08	0.75	0.0	-0.96	0.09	0.97	1.0	0.72	1.07	Y _G =16.6
3 WPN	0.01	-0.71	0.06	0.71	0.07	-1.06	0.07	1.07	1.01	0.69	1.03	mit weissem
4 WPN	0.0	-0.62	0.07	0.62	0.0	-1.02	0.09	1.02	0.84	0.59	0.87	Rand
5 WPN	0.0	-0.64	0.07	0.64	0.0	-1.07	0.09	1.07	0.89	0.6	0.88	X _W =95.18
6 WPN	0.0	-0.66	0.06	0.67	0.0	-1.05	0.09	1.06	0.89	0.64	0.94	Y _W =100.0
7 WPN	0.0	-0.8	0.07	0.8	0.0	-1.0	0.08	1.01	0.08	0.77	1.14	Z _W =44.15
8 WPN	0.0	-0.85	0.1	0.86	0.0	-1.0	0.09	1.0	1.22	0.84	1.25	x _W =0.3977
9 WPN	0.0	-0.69	0.07	0.69	0.0	-0.89	0.07	0.89	1.05	0.69	1.03	y _W =0.4178
10 WPN	0.0	-0.61	0.03	0.61	0.0	-0.81	0.03	0.81	0.93	0.61	0.91	near P4100
11 WDN	0.0	-0.56	0.02	0.56	0.07	-1.1	0.08	1.11	0.8	0.55	0.84	WN, GR, BY
12 WDN	0.0	-0.49	0.02	0.49	0.0	-1.06	0.09	1.06	0.73	0.48	0.73	grauses Umfeld
13 WDN	0.0	-0.49	0.02	0.49	0.0	-1.14	0.08	1.14	0.69	0.48	0.72	Y _G =16.6
14 WDN	0.0	-0.5	0.01	0.5	0.0	-1.19	0.07	1.2	0.7	0.49	0.73	mit weissem
15 WDN	0.0	-0.53	0.02	0.53	0.0	-1.27	0.11	1.27	0.76	0.52	0.78	Rand
16 WDN	0.0	-0.53	0.02	0.53	0.0	-1.27	0.11	1.24	0.79	0.53	0.79	X _W =90.38
17 WDN	0.0	-0.61	0.02	0.61	0.0	-1.33	0.1	1.33	0.93	0.61	0.91	Y _W =100.0
18 WDN	0.0	-0.61	0.03	0.61	0.0	-1.25	0.11	1.25	0.89	0.6	0.9	Z _W =87.54
19 WDN	0.0	-0.7	0.02	0.7	0.0	-1.27	0.08	1.27	0.99	0.68	1.02	x _W =0.3251
20 WDN	0.0	-0.7	0.03	0.7	0.0	-1.12	0.09	1.12	0.96	0.67	1.01	y _W =0.3598
21 WDN	0.0	-0.68	0.03	0.69	0.0	-1.13	0.09	1.13	0.95	0.66	1.0	near D65
22 GDR	0.01	-3.6	0.4	3.6	0.14	-2.27	0.19	2.28	1.16	0.81	0.8	WN, GR, BY
23 GDR	0.01	-2.46	0.04	2.46	0.14	-2.38	0.19	2.39	0.96	0.78	0.77	grauses Umfeld
24 GDR	0.01	-1.69	0.05	1.69	0.13	-2.33	0.22	2.35	0.89	0.78	0.79	Y _G =16.6
25 GDR	0.01	-1.19	0.02	1.19	0.11	-2.01	0.09	2.01	0.84	0.73	0.86	mit weissem
26 GDR	0.01	-0.94	0.04	0.95	0.12	-1.83	0.18	1.85	0.97	0.76	1.0	Rand
27 GDR	0.01	-0.78	0.02	0.78	0.11	-1.68	0.11	1.69	1.13	0.77	1.12	X _W =90.38
28 GDR	0.01	-0.99	0.04	0.99	0.13	-1.97	0.19	1.99	0.51	0.42	0.43	Y _W =100.0
29 GDR	0.01	-0.96	0.04	0.96	0.15	-1.69	0.2	1.71	0.35	0.26	0.26	Z _W =87.54
30 GDR	0.01	-1.1	0.03	1.1	0.12	-1.74	0.16	1.76	0.37	0.24	0.24	x _W =0.3251
31 GDR	0.01	-1.04	0.04	1.04	0.11	-1.55	0.19	1.57	0.33	0.2	0.2	y _W =0.3598
32 GDR	0.02	-1.1	0.03	1.1	0.25	-1.59	0.19	1.63	0.34	0.2	0.2	near D65
33 BDY	0.01	-0.94	0.01	0.94	0.12	-1.87	0.06	1.87	0.8	0.68	0.75	WN, GR, BY
34 BDY	0.01	-0.8	0.01	0.8	0.11	-1.66	0.08	1.66	0.8	0.62	0.81	grauses Umfeld
35 BDY	0.01	-0.8	0.02	0.8	0.12	-1.66	0.12	1.67	0.95	0.67	0.94	Y _G =16.6
36 BDY	0.01	-0.77	0.01	0.77	0.12	-1.61	0.06	1.61	1.0	0.68	0.98	mit weissem
37 BDY	0.01	-0.76	0.02	0.76	0.12	-1.63	0.11	1.64	1.0	0.72	1.07	Rand
38 BDY	0.0	-0.7	0.03	0.7	0.0	-1.52	0.12	1.53	1.07	0.7	1.02	X _W =90.38
39 BDY	0.01	-0.78	0.03	0.78	0.12	-1.7	0.08	1.7	1.24	0.67	1.02	Y _W =100.0
40 BDY	0.01	-0.88	0.06	0.88	0.11	-1.82	0.11	1.83	0.93	0.62	0.77	Z _W =87.54
41 BDY	0.01	-0.86	0.11	0.86	0.12	-1.82	0.13	1.83	0.78	0.55	0.65	x _W =0.3251
42 BDY	0.01	-0.95	0.21	0.98	0.12	-2.01	0.16	2.02	0.74	0.54	0.66	y _W =0.3598
43 BDY	0.01	-0.92	0.4	1.01	0.1	-1.93	0.14	1.94	0.64	0.46	0.58	near D65
Mittel									0.91	0.88	0.85	
Standardabweichung									0.52	0.42	0.24	

Muster: helles Weiss (W, Nr. 0), dunkles Schwarz (Nr. 10), Weiss (W, Nr. 11), Schwarz (Nr. 21)
Grün (G=T (Turkis), Nr. 22), Rot (R=M (Magenta), Nr. 32), Blau (B, Nr. 33), Gelb (Y, Nr. 43)
Quelle: BAM-Forschungsbericht Nr. 115 (1985), Tabellen 5.40; 1 bis 11

Farbreize für gerade unterscheidbare Farb-Schwellen (p=50%) in -Richtung												
Nummer Farb- Serie	CIELAB-Differenzen Hellichkeit, Blauheit, Gelbheit, Rot				LABJND-Differenzen Hellichkeit, Blauheit, Gelbheit, Rot				Farb-Differenzen andere Formeln		Bemerkungen Experiment- Serie	
	ΔL^*	Δa^*	Δb^*	ΔE^*	ΔL^*	Δa^*	Δb^*	ΔE^*	CMC/C94	C00		
0 WPN	0.0	-0.14	-1.75	1.75	0.03	-0.1	-1.06	1.07	2.49	1.71	1.71	WN, GR, BY
1 WPN	0.0	-0.1	-1.16	1.16	0.04	-0.11	-0.98	0.99	1.4	1.02	1.0	graues Umfeld
2 WPN	0.0	-0.08	-1.01	1.02	0.04	-0.1	-0.97	1.07	1.32	0.93	0.91	Y _G =16.6
3 WPN	0.0	-0.08	-0.94	0.95	0.0	-0.13	-1.13	1.14	1.4	0.93	0.92	mit weissem
4 WPN	0.0	-0.09	-1.08	1.08	0.0	-0.15	-1.36	1.37	1.43	1.01	1.02	Rand
5 WPN	0.0	-0.1	-1.31	1.32	0.0	-0.17	-1.54	1.55	1.55	1.12	1.15	X _W =95.18
6 WPN	0.0	-0.08	-0.97	0.98	0.0	-0.13	-1.31	1.32	1.29	0.9	0.89	Y _W =100.0
7 WPN	0.0	-0.12	-1.12	1.13	0.0	-0.16	-1.22	1.23	1.51	1.05	1.03	Z _W =44.15
8 WPN	0.0	-0.12	-1.26	1.27	0.0	-0.14	-1.16	1.16	1.88	1.24	1.21	x _W =0.3977
9 WPN	0.0	-0.08	-0.91	0.92	0.0	-0.1	-0.93	0.93	1.41	0.91	0.91	y _W =0.4178
10 WPN	0.0	-0.04	-0.84	0.84	0.0	-0.05	-0.89	0.89	1.27	0.84	0.84	near P4000
11 WDN	0.0	-0.04	-0.24	0.25	0.0	-0.09	-0.82	0.83	0.35	0.24	0.24	WN, GR, BY
12 WDN	0.0	-0.04	-0.24	0.25	0.0	-0.1	-0.93	0.93	0.37	0.24	0.25	graues Umfeld
13 WDN	0.0	-0.04	-0.26	0.27	0.0	-0.09	-1.1	1.1	0.38	0.25	0.25	Y _G =16.6
14 WDN	0.0	-0.04	-0.28	0.28	0.0	-0.1	-1.21	1.22	0.4	0.27	0.27	mit weissem
15 WDN	0.0	-0.02	-0.27	0.27	0.0	-0.06	-1.16	1.16	0.39	0.26	0.26	Rand
16 WDN	0.0	-0.07	-0.32	0.33	0.0	-0.16	-1.32	1.33	0.5	0.32	0.33	X _W =90.38
17 WDN	0.0	-0.06	-0.34	0.35	0.0	-0.14	-1.31	1.32	0.54	0.35	0.36	Y _W =100.0
18 WDN	0.0	-0.08	-0.36	0.37	0.0	-0.16	-1.25	1.26	0.54	0.36	0.37	Z _W =87.54
19 WDN	0.0	-0.06	-0.39	0.39	0.0	-0.12	-1.17	1.17	0.55	0.37	0.38	x _W =0.3251
20 WDN	0.0	-0.12	-0.44	0.46	0.0	-0.19	-1.16	1.18	0.6	0.42	0.44	y _W =0.3598
21 WDN	0.0	-0.08	-0.42	0.43	0.0	-0.14	-1.19	1.19	0.58	0.4	0.41	near D65
22 GDR	0.0	-0.25	-0.51	0.57	0.0	-0.16	-2.17	2.17	0.22	0.22	0.22	WN, GR, BY
23 GDR	0.0	-0.22	-0.51	0.55	0.0	-0.21	-2.11	2.12	0.26	0.27	0.28	graues Umfeld
24 GDR	0.0	-0.11	-0.46	0.47	0.0	-0.16	-1.84	1.85	0.3	0.31	0.31	Y _G =16.6
25 GDR	0.0	-0.1	-0.47	0.48	0.0	-0.18	-1.86	1.86	0.41	0.37	0.35	mit weissem
26 GDR	0.0	-0.09	-0.5	0.51	0.0	-0.19	-1.94	1.95	0.58	0.45	0.44	Rand
27 GDR	0.0	-0.09	-0.48	0.49	0.0	-0.21	-1.86	1.87	0.71	0.48	0.48	X _W =90.38
28 GDR	0.0	-0.1	-0.55	0.56	0.0	-0.2	-2.22	2.23	0.75	0.39	0.33	Y _W =100.0
29 GDR	0.01	-0.12	-0.6	0.62	0.15	-0.23	-2.48	2.5	0.59	0.32	0.27	Z _W =87.54
30 GDR	0.01	-0.07	-0.63	0.63	0.12	-0.14	-2.61	2.61	0.54	0.28	0.23	x _W =0.3251
31 GDR	0.01	-0.06	-0.69	0.69	0.11	-0.12	-2.89	2.89	0.55	0.28	0.23	y _W =0.3598
32 GDR	0.01	-0.08	-0.74	0.75	0.11	-0.14	-3.13	3.13	0.58	0.29	0.23	near D65
33 BDY	0.0	-0.09	-0.36	0.37	0.0	-0.18	-1.54	1.55	0.2	0.17	0.17	WN, GR, BY
34 BDY	0.0	-0.12	-0.46	0.48	0.0	-0.25	-1.96	1.97	0.3	0.26	0.27	graues Umfeld
35 BDY	0.0	-0.1	-0.42	0.44	0.0	-0.22	-1.73	1.75	0.34	0.28	0.29	Y _G =16.6
36 BDY	0.0	-0.1	-0.43	0.45	0.0	-0.23	-1.74	1.76	0.34	0.28	0.29	mit weissem
37 BDY	0.0	-0.1	-0.46	0.47	0.0	-0.21	-1.77	1.79	0.56	0.41	0.41	Rand
38 BDY	0.0	-0.09	-0.45	0.46	0.0	-0.19	-1.73	1.74	0.69	0.45	0.46	X _W =90.38
39 BDY	0.0	-0.13	-0.74	0.75	0.0	-0.3	-2.11	2.13	0.6	0.5	0.51	Y _W =100.0
40 BDY	0.0	-0.09	-0.81	0.82	0.0	-0.19	-1.44	1.46	0.42	0.36	0.36	Z _W =87.54
41 BDY	0.0	-0.08	-1.24	1.24	0.0	-0.17	-1.59	1.6	0.54	0.45	0.45	x _W =0.3251
42 BDY	0.0	-0.09	-2.0	2.0	0.0	-0.2	-1.56	1.57	0.75	0.58	0.59	y _W =0.3598
43 BDY	0.01	-0.11	-4.84	4.85	0.1	-0.24	-1.71	1.73	1.59	1.1	1.14	near D65
Mittel			0.79					1.58	0.77	0.54	0.53	
Standardabweichung			0.73					0.53	0.51	0.35	0.35	