

Performance (STRESS values) for threshold colour difference data (TCD)

data set	Calculations with data for grey surrounds (D65) and 0,1 < Y < 190									
	Difference ΔE^*_{CIELAB}					Colour difference formula and STRESS value				
Name	Pairs	ΔE^*_{ab} range	min	max	mean	CIE LAB ΔE^*_{ab}	CMC ΔE^*_{CMs}	CIE94 ΔE^*_{94}	CIEDE2000 ΔE^*_{00}	LABJND ΔE^*_{85}
WA_0100	100	0.0 to <99.0	0.19	1.35	0.54	33.2	21.6	30.9	18.2	45.7
1S_0890	890	0.0 to <99.0	0.1	4.87	1.09	55.2	47.3	44.9	46.0	55.8
2M_0399	399	0.0 to <99.0	0.09	2.74	0.7	55.2	47.6	46.2	45.8	57.5
2S_0446	446	0.0 to <99.0	0.07	4.28	1.08	51.8	49.7	46.4	48.7	51.2
2G_0379	379	0.0 to <99.0	0.08	2.61	0.81	55.6	50.7	48.6	50.3	50.9
WA_0100	99	0.0 to <1.0	0.19	0.94	0.54	30.8	21.5	31.1	18.3	45.7
1S_0890	513	0.0 to <1.0	0.1	0.99	0.63	37.7	43.2	41.5	41.5	51.9
2M_0399	316	0.0 to <1.0	0.09	0.99	0.53	47.4	42.3	42.8	40.7	55.4
2S_0446	255	0.0 to <1.0	0.07	0.99	0.51	42.2	40.7	42.8	41.4	51.4
2G_0379	276	0.0 to <1.0	0.08	0.99	0.57	53.9	53.3	50.2	52.2	48.1
WA_0100	100	0.0 to <2.0	0.19	1.35	0.54	33.2	21.6	30.9	18.2	45.7
1S_0890	795	0.0 to <2.0	0.1	1.98	0.89	42.2	42.9	42.5	42.6	53.6
2M_0399	394	0.0 to <2.0	0.09	1.97	0.68	52.9	46.5	45.3	45.0	56.7
2S_0446	380	0.0 to <2.0	0.07	1.99	0.81	45.6	41.8	43.0	43.0	51.2
2G_0379	369	0.0 to <2.0	0.08	1.99	0.77	55.4	50.9	48.9	50.6	51.0
WA_0100	46	0.0 to <0.5	0.19	0.49	0.39	18.6	24.6	22.6	17.3	49.8
1S_0890	157	0.0 to <0.5	0.1	0.49	0.35	36.8	43.9	41.0	44.6	48.6
2M_0399	143	0.0 to <0.5	0.09	0.49	0.3	44.4	46.4	43.1	41.7	48.7
2S_0446	133	0.0 to <0.5	0.07	0.49	0.32	36.2	39.9	39.4	40.5	47.6
2G_0379	106	0.0 to <0.5	0.08	0.49	0.34	50.5	52.9	49.5	50.4	50.5
WA_0100	53	0.5 to <1.0	0.5	0.94	0.66	17.1	18.2	31.9	18.7	41.4
1S_0890	356	0.5 to <1.0	0.5	0.99	0.75	29.2	36.5	34.2	34.0	47.4
2M_0399	173	0.5 to <1.0	0.5	0.99	0.72	33.2	34.2	34.7	32.4	51.5
2S_0446	122	0.5 to <1.0	0.5	0.99	0.72	36.9	40.3	41.6	40.6	52.3
2G_0379	170	0.5 to <1.0	0.5	0.99	0.71	46.8	48.2	44.5	47.0	43.6
WA_0100	1	1.0 to <1.5	1.35	1.35	1.35	0.1	0.1	0.1	0.1	0.1
1S_0890	198	1.0 to <1.5	1.0	1.49	1.23	26.2	35.1	35.1	36.9	47.3
2M_0399	66	1.0 to <1.5	1.02	1.49	1.21	34.5	37.3	36.0	36.6	53.7
2S_0446	76	1.0 to <1.5	1.0	1.49	1.2	32.9	38.2	42.6	42.1	53.8
2G_0379	64	1.0 to <1.5	1.0	1.49	1.23	31.7	33.3	33.6	33.7	50.3
WA_0100	0	1.5 to <2.0	1.5	1.98	1.72	23.5	30.9	32.7	32.4	51.2
1S_0890	84	1.5 to <2.0	1.5	1.97	1.67	39.3	33.8	27.9	34.1	35.8
2M_0399	12	1.5 to <2.0	1.51	1.99	1.74	30.8	34.5	33.6	34.0	45.1
2S_0446	49	1.5 to <2.0	1.51	1.99	1.69	25.0	28.4	28.4	29.5	40.6
2G_0379	29	1.5 to <2.0	1.51	1.99	1.69	25.0	28.4	28.4	29.5	40.6

data sets: WA=WANG, 1S=BIGC_T1_SG, 2M=BIGC_T2_M, 2S=BIGC_T2_SG, 2G=BIGC_T2_G

see similar files: http://130.149.60.45/~farbmetrik/WE61/WE61L0NA.TXT /.PS
 technical information: http://www.ps.bam.de or http://130.149.60.45/~farbmetrik

TUB registration: 20140801-WE61/WE61L0NA.TXT /.PS
 application for measurement of display or printer output

TUB material: code=rh4ta

Performance (STRESS values) for threshold colour difference data (TCD)

data set	Calculations with data for grey surrounds (D65) and 0,1 < Y < 190									
	Difference $\Delta E^*_{CIEDE2000}$					Colour difference formula and STRESS value				
Name	Pairs	ΔE^*_{C00} range	min	max	mean	CIELAB ΔE^*	CMC ΔE^*	CIE94 ΔE^*	CIEDE2000 ΔE^*	LABJND ΔE^*
WA_0100	100	0.0 to <99.0	0.19	1.35	0.54	33.2	21.6	30.9	18.2	45.7
1S_0890	890	0.0 to <99.0	0.1	4.87	1.09	55.2	47.3	44.9	46.0	55.8
2M_0399	399	0.0 to <99.0	0.09	2.74	0.7	55.2	47.6	46.2	45.8	57.5
2S_0446	446	0.0 to <99.0	0.07	4.28	1.08	51.8	49.7	46.4	48.7	51.2
2G_0379	379	0.0 to <99.0	0.08	2.61	0.81	55.6	50.7	48.6	50.3	50.9
WA_0100	100	0.0 to <1.0	0.19	1.35	0.54	33.2	21.6	30.9	18.2	45.7
1S_0890	772	0.0 to <1.0	0.1	3.52	0.93	50.7	40.8	39.2	38.9	49.3
2M_0399	395	0.0 to <1.0	0.09	2.21	0.69	54.9	46.7	45.0	45.0	55.2
2S_0446	380	0.0 to <1.0	0.07	2.84	0.86	48.5	39.6	40.8	40.0	50.1
2G_0379	357	0.0 to <1.0	0.08	2.26	0.75	57.1	50.6	48.3	49.9	48.3
WA_0100	100	0.0 to <2.0	0.19	1.35	0.54	33.2	21.6	30.9	18.2	45.7
1S_0890	883	0.0 to <2.0	0.1	4.87	1.08	55.4	46.8	43.5	44.5	53.5
2M_0399	399	0.0 to <2.0	0.09	2.74	0.7	55.2	47.6	46.2	45.8	57.5
2S_0446	443	0.0 to <2.0	0.07	4.28	1.06	51.1	47.7	44.9	46.9	50.8
2G_0379	379	0.0 to <2.0	0.08	2.61	0.81	55.6	50.7	48.6	50.3	50.9
WA_0100	98	0.0 to <0.5	0.19	1.35	0.55	32.8	21.7	31.1	18.3	45.0
1S_0890	339	0.0 to <0.5	0.1	1.71	0.59	47.7	38.7	37.3	38.6	46.6
2M_0399	280	0.0 to <0.5	0.09	1.35	0.49	51.1	42.0	41.6	40.2	52.2
2S_0446	229	0.0 to <0.5	0.07	1.51	0.52	47.1	39.8	43.0	39.6	52.3
2G_0379	234	0.0 to <0.5	0.08	1.49	0.59	61.6	49.0	47.9	48.9	45.0
WA_0100	2	0.5 to <1.0	0.36	0.44	0.4	9.9	9.9	10.1	0.2	28.0
1S_0890	433	0.5 to <1.0	0.44	3.52	1.2	45.6	31.3	28.8	27.7	42.2
2M_0399	115	0.5 to <1.0	0.64	2.21	1.15	44.0	37.7	34.9	34.5	48.9
2S_0446	151	0.5 to <1.0	0.44	2.84	1.36	40.2	33.6	34.4	33.8	47.2
2G_0379	123	0.5 to <1.0	0.47	2.26	1.07	44.4	39.4	36.4	38.2	40.6
WA_0100	0									
1S_0890	92	1.0 to <1.5	0.74	4.85	1.93	47.5	27.9	24.1	23.0	43.6
2M_0399	4	1.0 to <1.5	1.44	2.74	1.92	33.2	7.4	13.1	13.0	31.2
2S_0446	53	1.0 to <1.5	1.1	3.61	2.17	36.7	32.9	29.4	30.0	39.8
2G_0379	21	1.0 to <1.5	1.17	2.61	1.73	26.7	20.7	17.3	18.5	27.6
WA_0100	0									
1S_0890	19	1.5 to <2.0	1.57	4.87	2.91	47.2	33.1	19.9	22.9	42.3
2M_0399	0									
2S_0446	10	1.5 to <2.0	2.37	4.28	2.97	44.0	43.7	39.9	40.9	39.5
2G_0379	1	1.5 to <2.0	2.07	2.07	2.07	0.1	0.1	0.1	0.1	0.1

data sets: WA=WANG, 1S=BIGC_T1_SG, 2M=BIGC_T2_M, 2S=BIGC_T2_SG, 2G=BIGC_T2_G

see similar files: http://130.149.60.45/~farbmetrik/WE61/WE61L0NA.TXT /.PS
 technical information: http://www.ps.bam.de or http://130.149.60.45/~farbmetrik

TUB registration: 20140801-WE61/WE61L0NA.TXT /.PS TUB material: code=rh4ta
 application for measurement of display or printer output, no separation

Performance (STRESS values) for threshold colour difference data (TCD)

data set	Calculations with data for grey surrounds (D65) and 0,1 < Y < 190					Colour difference formula and STRESS value				
	Name	Pairs	Difference ΔE^*_{LABJND}			CIE94 ΔE^*	CMC ΔE^*	CIEDE2000 ΔE^*	LABJND ΔE^*	
ΔE^*_{C85}			range	min	max					mean
WA_0100	100	0.0 to <99.0	0.19	1.35	0.54	33.2	21.6	30.9	18.2	45.7
1S_0890	890	0.0 to <99.0	0.1	4.87	1.09	55.2	47.3	44.9	46.0	55.8
2M_0399	399	0.0 to <99.0	0.09	2.74	0.7	55.2	47.6	46.2	45.8	57.5
2S_0446	446	0.0 to <99.0	0.07	4.28	1.08	51.8	49.7	46.4	48.7	51.2
2G_0379	379	0.0 to <99.0	0.08	2.61	0.81	55.6	50.7	48.6	50.3	50.9
WA_0100	9	0.0 to <1.0	0.19	0.67	0.38	36.9	14.2	17.8	12.5	10.3
1S_0890	30	0.0 to <1.0	0.1	0.52	0.27	47.5	52.3	44.0	48.7	36.0
2M_0399	23	0.0 to <1.0	0.1	0.6	0.23	57.7	40.4	41.5	43.4	36.9
2S_0446	12	0.0 to <1.0	0.07	0.3	0.15	47.7	61.7	57.7	60.9	47.9
2G_0379	26	0.0 to <1.0	0.08	0.72	0.34	55.1	51.2	50.3	51.9	42.9
WA_0100	38	0.0 to <2.0	0.19	1.35	0.53	40.5	21.2	18.2	15.6	28.4
1S_0890	142	0.0 to <2.0	0.1	2.1	0.52	53.5	51.9	43.1	48.2	35.2
2M_0399	143	0.0 to <2.0	0.09	1.39	0.46	61.7	47.0	45.9	48.1	35.0
2S_0446	64	0.0 to <2.0	0.07	1.06	0.37	49.9	46.1	43.0	46.7	42.7
2G_0379	107	0.0 to <2.0	0.08	1.46	0.55	63.4	57.1	54.3	54.1	46.3
WA_0100	0									
1S_0890	4	0.0 to <0.5	0.16	0.35	0.22	33.5	31.0	22.5	30.4	17.3
2M_0399	4	0.0 to <0.5	0.1	0.12	0.11	28.9	18.7	19.7	9.7	42.5
2S_0446	2	0.0 to <0.5	0.07	0.1	0.08	3.0	24.6	21.7	28.0	23.8
2G_0379	6	0.0 to <0.5	0.08	0.3	0.18	40.9	40.3	42.6	44.0	47.4
WA_0100	9	0.5 to <1.0	0.19	0.67	0.38	36.9	14.2	17.8	12.5	10.3
1S_0890	26	0.5 to <1.0	0.1	0.52	0.27	48.5	51.7	44.2	48.5	32.8
2M_0399	19	0.5 to <1.0	0.11	0.6	0.25	53.4	37.4	36.7	40.4	25.8
2S_0446	10	0.5 to <1.0	0.11	0.3	0.17	44.3	56.8	52.6	55.5	42.4
2G_0379	20	0.5 to <1.0	0.12	0.72	0.39	53.8	49.0	47.4	49.0	38.3
WA_0100	12	1.0 to <1.5	0.29	0.74	0.49	32.7	15.0	11.8	16.4	18.5
1S_0890	37	1.0 to <1.5	0.16	1.31	0.55	48.7	47.7	37.8	44.0	23.3
2M_0399	63	1.0 to <1.5	0.09	1.06	0.42	63.1	48.0	46.7	49.6	29.0
2S_0446	23	1.0 to <1.5	0.12	0.88	0.34	52.9	52.1	48.4	53.4	41.9
2G_0379	29	1.0 to <1.5	0.11	1.01	0.57	68.9	61.1	58.4	57.7	46.2
WA_0100	17	1.5 to <2.0	0.34	1.35	0.63	37.5	20.6	15.2	15.7	9.1
1S_0890	75	1.5 to <2.0	0.18	2.1	0.61	50.7	48.9	38.8	44.7	25.4
2M_0399	57	1.5 to <2.0	0.18	1.39	0.6	54.9	42.6	39.4	42.9	23.7
2S_0446	29	1.5 to <2.0	0.16	1.06	0.48	42.4	37.6	34.1	38.3	39.0
2G_0379	52	1.5 to <2.0	0.18	1.46	0.65	59.0	50.0	46.5	46.6	34.1

data sets: WA=WANG, 1S=BIGC_T1_SG, 2M=BIGC_T2_M, 2S=BIGC_T2_SG, 2G=BIGC_T2_G

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TUB registration: 20140801-WE61/WE61L0NA.TXT /.PS
 application for measurement of display or printer output, no separation
 TUB material: code=rh4ta