

Performance f_{STRESS} for Small Colour Difference data (SCD)

data set Calculations with data for grey backgrounds (chromaticity near D65)

Name	Pairs	Colour difference ΔE^*_{ab} range	min max mean				Performance f_{STRESS} calculated by formula					
							CIE LAB ΔE^*_{ab} PF	CMC ΔE^*_{CM} PF	CIE94 ΔE^*_{94} PF	CIEDE2000 ΔE^*_{00} PF	LABJND ΔE^*_{BS} PF	
WA_S0418	418	0,0 to <99,0	0,12	10,62	1,86	41,5	32,7	30,6	28,5	44,0		
RA_S0312	312	0,0 to <99,0	0,77	4,40	1,43	17,6	17,8	14,1	13,4	15,3		
LA_S0307	307	0,0 to <99,0	0,39	4,73	1,63	29,8	20,2	24,4	17,6	26,0		
BA_S2776	2776	0,0 to <99,0	0,03	18,20	3,00	37,2	29,6	30,8	28,4	43,1		
SA_S0446	446	0,0 to <99,0	0,17	7,96	3,03	32,5	24,1	23,4	22,4	30,3		
WA_S0418	400	0,0 to <5,0	0,12	4,94	1,67	43,4	33,8	31,5	29,4	44,5		
RA_S0312	312	0,0 to <5,0	0,77	4,40	1,43	17,6	17,8	14,1	13,4	15,3		
LA_S0307	307	0,0 to <5,0	0,39	4,73	1,63	29,8	20,2	24,4	17,6	26,0		
BA_S2776	2325	0,0 to <5,0	0,03	4,99	2,14	39,0	29,7	32,1	28,7	43,3		
SA_S0446	385	0,0 to <5,0	0,17	4,96	2,57	31,7	24,3	24,2	22,5	31,1		
WA_S0418	18	5,0 to <99,0	5,03	10,62	6,15	19,4	22,1	22,0	20,2	27,5		
RA_S0312	0	5,0 to <99,0										
LA_S0307	0	5,0 to <99,0										
BA_S2776	451	5,0 to <99,0	5,00	18,20	7,43	34,4	28,5	28,7	27,3	33,7		
SA_S0446	61	5,0 to <99,0	5,00	7,96	5,93	32,0	20,8	17,5	17,0	26,1		
WA_S0418	17	5,0 to <10,0	5,03	8,74	5,89	20,5	23,3	23,0	21,3	27,9		
RA_S0312	0	5,0 to <10,0										
LA_S0307	0	5,0 to <10,0										
BA_S2776	389	5,0 to <10,0	5,00	9,91	6,65	35,4	29,0	29,9	27,6	34,5		
SA_S0446	61	5,0 to <10,0	5,00	7,96	5,93	32,0	20,8	17,5	17,0	26,1		
WA_S0418	1	10,0 to <15,0	10,62	10,62	10,62	0,1	0,1	0,1	0,1	0,1		
RA_S0312	0	10,0 to <15,0										
LA_S0307	0	10,0 to <15,0										
BA_S2776	53	10,0 to <15,0	10,05	14,69	11,64	31,3	25,2	21,6	23,9	25,0		
SA_S0446	0	10,0 to <15,0										
WA_S0418	0	15,0 to <20,0										
RA_S0312	0	15,0 to <20,0										
LA_S0307	0	15,0 to <20,0										
BA_S2776	9	15,0 to <20,0	15,11	18,20	16,53	21,7	27,9	27,7	28,0	25,3		
SA_S0446	0	15,0 to <20,0										
WA_S0418	0	20,0 to <99,0										
RA_S0312	0	20,0 to <99,0										
LA_S0307	0	20,0 to <99,0										
BA_S2776	0	20,0 to <99,0										
SA_S0446	0	20,0 to <99,0										

data sets:

WA_S0418, RA_S0312, LA_S0307, BA_S2776, SA_S0446

VE19P-7N_1

TUB-test chart YE19; PF Colour differences and formulae input: w/rgb/cmyk -> (w/rgb/cmyk)
STRESS values for Small Colour Difference data (SCD)