

Performance (<i>STRESS</i> values) for Small Colour Difference data (SCD)										
data set	Calculations with data for grey backgrounds (chromaticity near D65)									
	Colour difference $\Delta E^*_{\text{CIELAB}}$					Colour difference formula and <i>STRESS</i> value				
Name	Pairs	ΔE^*_{ab} range	min	max	mean	CIELAB $\Delta E_{\text{ab_PF}}$	CMC $\Delta E_{\text{CM_PF}}$	CIE94 ΔE_{94_PF}	CIEDE2000 ΔE_{00_PF}	LABJND ΔE_{85_PF}
WI_0418	418	0.0 to <99.0	0.11	10.62	1.86	41.5	32.7	30.6	28.5	43.9
RD_0312	312	0.0 to <99.0	0.77	4.4	1.43	17.6	17.8	14.1	13.4	15.3
LE_0307	307	0.0 to <99.0	0.39	4.73	1.63	29.8	20.1	24.4	17.5	26.0
BF_2776	2776	0.0 to <99.0	0.03	18.2	3.0	37.2	29.6	30.8	28.4	43.1
SS_0446	446	0.0 to <99.0	0.17	7.97	3.03	32.5	24.1	23.4	22.4	30.3
WI_0418	400	0.0 to <5.0	0.11	4.94	1.67	43.3	33.8	31.5	29.4	44.5
RD_0312	312	0.0 to <5.0	0.77	4.4	1.43	17.6	17.8	14.1	13.4	15.3
LE_0307	307	0.0 to <5.0	0.39	4.73	1.63	29.8	20.1	24.4	17.5	26.0
BF_2776	2325	0.0 to <5.0	0.03	4.99	2.14	39.0	29.6	32.1	28.7	43.2
SS_0446	385	0.0 to <5.0	0.17	4.96	2.57	31.7	24.2	24.2	22.5	31.1
WI_0418	18	5.0 to <99.0	5.03	10.62	6.15	19.4	22.1	22.0	20.2	27.5
RD_0312	0									
LE_0307	0									
BF_2776	451	5.0 to <99.0	5.0	18.2	7.43	34.4	28.5	28.7	27.3	33.7
SS_0446	61	5.0 to <99.0	5.0	7.97	5.93	32.0	20.7	17.5	17.0	26.1
WI_0418	17	5.0 to <10.0	5.03	8.75	5.89	20.4	23.3	23.0	21.3	27.9
RD_0312	0									
LE_0307	0									
BF_2776	389	5.0 to <10.0	5.0	9.91	6.65	35.4	29.0	29.9	27.6	34.5
SS_0446	61	5.0 to <10.0	5.0	7.97	5.93	32.0	20.7	17.5	17.0	26.1
WI_0418	1	10.0 to <20.0	10.62	10.62	10.62	0.1	0.1	0.1	0.1	0.1
RD_0312	0									
LE_0307	0									
BF_2776	62	10.0 to <20.0	10.05	18.2	12.35	30.3	26.6	23.9	25.8	25.1
SS_0446	0									
WI_0418	0									
RD_0312	0									
LE_0307	0									
BF_2776	0									
SS_0446	0									
WI_0418	0									
RD_0312	0									
LE_0307	0									
BF_2776	0									
SS_0446	0									
data sets: WI=WITT, RD=RIT-DUPONT, LE=LEEDS, BF=BFD-P, SS=BIGC-S-SG										