

Performance (STRESS values) for Visual Threshold Colour Difference data (VTCD)

data set		Calculations with data for grey backgrounds (chromaticity near D65, P40)									
		Colour difference ΔE^*_{CIELAB}									
		Colour difference formula and STRESS value									
Name	Pairs	ΔE^*_{ab} range	min	max	mean	CIELAB ΔE^*_{ab} PF	CMC ΔE^*_{CM} PF	CIE94 ΔE^*_{94} PF	CIEDE2000 ΔE^*_{00} PF	LABJND ΔE^*_{85} PF	
RI_0330	330	0.0 to <99.0	0.05	4.85	0.9	39.2	39.1	37.9	42.6	11.6	
KI_0392	392	0.0 to <99.0	0.09	2.09	0.41	32.7	37.9	35.5	35.3	18.6	
AV_0132	132	0.0 to <99.0	0.17	2.29	0.75	28.9	22.2	33.9	33.2	21.6	
RI_0330	224	0.0 to <1.0	0.05	0.99	0.55	32.6	42.0	40.0	47.9	10.8	
KI_0392	375	0.0 to <1.0	0.09	0.99	0.37	27.6	34.7	32.0	32.4	17.5	
AV_0132	97	0.0 to <1.0	0.17	0.96	0.56	22.4	18.3	22.6	28.9	19.7	
RI_0330	305	0.0 to <2.0	0.05	1.89	0.74	33.6	40.2	38.7	44.1	11.6	
KI_0392	391	0.0 to <2.0	0.09	1.76	0.41	32.1	37.9	35.5	35.4	18.6	
AV_0132	130	0.0 to <2.0	0.17	1.96	0.73	27.7	22.1	30.6	33.2	21.2	
RI_0330	87	0.0 to <0.5	0.05	0.49	0.23	31.2	42.0	37.4	45.7	11.1	
KI_0392	294	0.0 to <0.5	0.09	0.49	0.28	17.9	25.6	21.2	24.9	14.6	
AV_0132	41	0.0 to <0.5	0.17	0.49	0.34	16.6	18.5	20.3	28.4	14.0	
RI_0330	137	0.5 to <1.0	0.5	0.99	0.76	10.6	26.7	22.1	29.3	7.9	
KI_0392	81	0.5 to <1.0	0.5	0.99	0.7	11.1	24.4	18.0	21.7	9.7	
AV_0132	56	0.5 to <1.0	0.5	0.96	0.71	10.9	12.5	10.9	18.6	17.4	
RI_0330	67	1.0 to <1.5	1.01	1.46	1.18	5.3	29.4	26.6	29.8	8.2	
KI_0392	12	1.0 to <1.5	1.0	1.48	1.22	7.0	31.4	25.0	34.6	11.5	
AV_0132	28	1.0 to <1.5	1.0	1.47	1.17	6.9	16.6	16.0	15.5	23.3	
RI_0330	14	1.5 to <2.0	1.5	1.89	1.69	4.1	27.1	23.6	23.4	6.1	
KI_0392	4	1.5 to <2.0	1.61	1.76	1.67	1.8	17.1	11.9	19.4	19.2	
AV_0132	5	1.5 to <2.0	1.51	1.96	1.7	5.6	10.8	16.2	7.4	24.0	

Data sets: RI=RICHTER, KI=KITTELMANN, AV=AVRAMOPOULOS

TUB-test chart WE24; Colour differences and formulae input: w/rgb/cmyk -> (w/rgb/cmyk)
TCD datasets: RI, KI, AV, ΔE^* ranges of CIELAB, all colours of 330