

Colour stimuli of just noticeable colour thresholds (p=50%) in 2 directions													
number Colour series		CIELAB differences lightness, chroma,Σ				LABJND differences lightness, chroma, Σ				colour differences other formulae			notes experimental series
		ΔL*	Δa*	Δb*	ΔE* _{ab}	ΔL*	Δa*	Δb*	ΔE*	CMC	C94	C00	
0	GDV	0.01	-2.62	0.24	2.63	0.12	-1.66	0.2	1.67	0.86	0.65	0.58	_TM
1	GDV	0.01	-2.04	0.12	2.04	0.11	-1.83	0.18	1.84	0.77	0.65	0.6	grey surround
2	GDV	0.01	-1.07	0.05	1.07	0.12	-1.36	0.12	1.37	0.51	0.46	0.44	Y _G =16.6
3	GDV	0.01	-0.99	0.04	0.99	0.13	-1.58	0.13	1.6	0.64	0.56	0.63	with white
4	GDV	0.01	-0.91	0.04	0.91	0.11	-1.74	0.16	1.75	0.87	0.69	0.9	border
5	GDV	0.01	-0.76	0.04	0.76	0.13	-1.65	0.17	1.67	1.11	0.75	1.13	X _W =90.38
6	GDV	0.01	-0.93	0.02	0.93	0.14	-2.01	0.09	2.02	1.08	0.68	0.89	Y _W =100.0
7	GDV	0.01	-0.88	0.04	0.89	0.15	-1.87	0.18	1.88	0.72	0.49	0.53	Z _W =87.54
8	GDV	0.01	-0.92	0.02	0.92	0.15	-1.88	0.11	1.89	0.64	0.44	0.43	x _W =0.3251
9	GDV	0.01	-0.87	0.01	0.87	0.15	-1.76	0.09	1.77	0.55	0.38	0.37	y _W =0.3598
10	GDV	0.01	-0.89	0.02	0.89	0.15	-1.76	0.14	1.77	0.52	0.36	0.34	
11	RDC	0.01	-0.84	0.28	0.89	0.13	-1.41	0.21	1.44	0.62	0.33	0.38	_TM
12	RDC	0.01	-0.94	0.17	0.96	0.13	-1.7	0.26	1.73	0.63	0.36	0.39	grey surround
13	RDC	0.01	-0.76	0.08	0.77	0.12	-1.45	0.23	1.48	0.42	0.29	0.29	Y _G =16.6
14	RDC	0.01	-0.79	0.05	0.79	0.11	-1.6	0.15	1.61	0.61	0.4	0.43	with white
15	RDC	0.01	-0.79	0.04	0.79	0.11	-1.66	0.14	1.67	0.77	0.53	0.68	border
16	RDC	0.01	-0.7	0.03	0.7	0.11	-1.51	0.12	1.52	1.01	0.69	1.02	X _W =90.38
17	RDC	0.01	-0.96	0.03	0.96	0.12	-1.69	0.12	1.7	0.74	0.63	0.77	Y _W =100.0
18	RDC	0.01	-1.21	0.04	1.21	0.13	-1.59	0.17	1.6	0.6	0.52	0.52	Z _W =87.54
19	RDC	0.01	-1.36	0.02	1.36	0.11	-1.51	0.09	1.51	0.57	0.48	0.48	x _W =0.3251
20	RDC	0.01	-1.54	0.03	1.54	0.12	-1.45	0.12	1.46	0.58	0.46	0.46	y _W =0.3598
21	RDC	0.01	-2.06	0.03	2.06	0.12	-1.68	0.15	1.69	0.72	0.54	0.54	
22	GDV	0.01	-0.27	-2.11	2.13	0.12	-0.16	-1.83	1.84	0.86	0.81	0.67	_GV
23	GDV	0.0	-0.19	-1.15	1.17	0.0	-0.17	-1.78	1.79	0.55	0.56	0.48	grey surround
24	GDV	0.0	-0.15	-0.82	0.83	0.0	-0.2	-1.94	1.95	0.51	0.52	0.46	Y _G =16.6
25	GDV	0.0	-0.11	-0.71	0.72	0.0	-0.17	-2.12	2.13	0.59	0.54	0.49	with white
26	GDV	0.0	-0.1	-0.6	0.61	0.0	-0.2	-2.09	2.1	0.71	0.54	0.51	border
27	GDV	0.0	-0.09	-0.52	0.53	0.0	-0.21	-1.99	2.0	0.78	0.51	0.52	X _W =90.38
28	GDV	0.01	-0.13	-0.62	0.63	0.14	-0.3	-2.49	2.51	1.09	0.54	0.51	Y _W =100.0
29	GDV	0.0	-0.14	-0.55	0.57	0.0	-0.3	-2.33	2.35	0.77	0.41	0.37	Z _W =87.54
30	GDV	0.01	-0.12	-0.58	0.59	0.15	-0.27	-2.51	2.53	0.67	0.39	0.35	x _W =0.3251
31	GDV	0.01	-0.12	-0.57	0.58	0.15	-0.27	-2.5	2.52	0.6	0.35	0.32	y _W =0.3598
32	GDV	0.01	-0.1	-0.54	0.55	0.15	-0.22	-2.41	2.43	0.53	0.32	0.28	
33	RDC	0.01	-0.06	-2.38	2.39	0.13	-0.13	-1.89	1.9	1.59	0.86	1.0	_GV
34	RDC	0.01	-0.1	-1.31	1.32	0.13	-0.2	-2.15	2.16	1.08	0.6	0.65	grey surround
35	RDC	0.01	-0.08	-0.89	0.9	0.12	-0.17	-2.6	2.6	1.0	0.53	0.51	Y _G =16.6
36	RDC	0.01	-0.11	-0.79	0.8	0.11	-0.24	-2.34	2.36	1.05	0.53	0.52	with white
37	RDC	0.0	-0.09	-0.65	0.65	0.0	-0.19	-2.24	2.25	1.2	0.53	0.5	border
38	RDC	0.0	-0.12	-0.5	0.51	0.0	-0.27	-1.91	1.93	0.75	0.49	0.51	X _W =90.38
39	RDC	0.0	-0.1	-0.53	0.54	0.0	-0.19	-2.09	2.1	0.51	0.44	0.42	Y _W =100.0
40	RDC	0.0	-0.15	-0.57	0.59	0.0	-0.2	-2.27	2.28	0.36	0.37	0.38	Z _W =87.54
41	RDC	0.0	-0.12	-0.52	0.53	0.0	-0.14	-2.05	2.05	0.28	0.3	0.31	x _W =0.3251
42	RDC	0.0	-0.15	-0.5	0.52	0.0	-0.15	-1.98	1.99	0.24	0.26	0.27	y _W =0.3598
43	RDC	0.01	-0.21	-0.51	0.55	0.12	-0.16	-2.04	2.05	0.24	0.25	0.26	
mean					0.98					1.92	0.72	0.5	0.52
standard deviation					0.51					0.32	0.26	0.14	0.2
Samples: Green (G, no. 00), Violet V (no. 10), Red (R, no. 11), Cyan (C, no. 21) Turquoise (T, no. 22), Magenta (M, no. 32), Blue (B, no. 33), Yellow (Y, no. 43) Source: BAM Research Report no. 115 (1985), Tables 5.40;1 to 11													