

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	0.04	-3.07	2.2	3.78	0.5	-1.91	1.87	2.72	1.13	0.72	0.71	_BY
1 GDV	0.03	-1.88	1.06	2.16	0.39	-1.66	1.6	2.34	0.75	0.55	0.54	grey surround
2 GDV	0.03	-1.35	0.66	1.51	0.4	-1.7	1.55	2.34	0.68	0.57	0.56	$Y_G=16.6$
3 GDV	0.03	-1.23	0.56	1.35	0.39	-1.96	1.65	2.6	0.83	0.72	0.79	with white
4 GDV	0.02	-1.06	0.46	1.15	0.27	-2.01	1.6	2.58	1.06	0.86	1.07	border
5 GDV	0.02	-0.79	0.35	0.86	0.26	-1.71	1.34	2.19	1.24	0.85	1.21	$X_W=90.38$
6 GDV	0.02	-0.96	0.41	1.04	0.3	-2.08	1.66	2.68	0.89	0.71	0.92	$Y_W=100.0$
7 GDV	0.02	-1.0	0.41	1.08	0.3	-2.12	1.78	2.79	0.64	0.54	0.59	$Z_W=87.54$
8 GDV	0.04	-1.11	0.47	1.21	0.47	-2.3	2.09	3.14	0.59	0.49	0.5	$x_W=0.3251$
9 GDV	0.04	-1.12	0.46	1.21	0.46	-2.28	2.11	3.15	0.54	0.44	0.44	$y_W=0.3598$
10 GDV	0.04	-1.06	0.44	1.15	0.47	-2.13	2.05	3.0	0.48	0.38	0.38	
11 RDC	0.03	-0.86	1.88	2.07	0.4	-1.49	1.46	2.13	1.67	0.88	1.03	_BY
12 RDC	0.02	-0.76	0.85	1.14	0.28	-1.39	1.36	1.97	1.07	0.57	0.63	grey surround
13 RDC	0.02	-0.89	0.59	1.07	0.27	-1.72	1.71	2.44	0.97	0.54	0.53	$Y_G=16.6$
14 RDC	0.02	-0.9	0.56	1.06	0.26	-1.83	1.64	2.48	1.28	0.67	0.69	with white
15 RDC	0.02	-0.72	0.36	0.81	0.27	-1.52	1.26	2.0	1.19	0.6	0.71	border
16 RDC	0.02	-0.79	0.35	0.87	0.26	-1.71	1.35	2.19	1.23	0.85	1.2	$X_W=90.38$
17 RDC	0.02	-1.04	0.42	1.12	0.28	-1.83	1.67	2.5	0.94	0.8	0.94	$Y_W=100.0$
18 RDC	0.03	-1.55	0.5	1.63	0.39	-2.01	2.0	2.86	0.85	0.79	0.8	$Z_W=87.54$
19 RDC	0.03	-1.68	0.5	1.76	0.36	-1.85	2.0	2.75	0.79	0.72	0.72	$x_W=0.3251$
20 RDC	0.03	-1.77	0.49	1.84	0.37	-1.65	1.96	2.59	0.73	0.64	0.64	$y_W=0.3598$
21 RDC	0.03	-2.14	0.54	2.21	0.36	-1.73	2.16	2.79	0.81	0.67	0.68	
22 GDV	0.01	2.56	1.73	3.09	0.12	1.64	1.48	2.22	1.24	1.16	0.96	_RC
23 GDV	0.01	1.63	0.82	1.83	0.11	1.48	1.25	1.95	0.81	0.8	0.69	grey surround
24 GDV	0.01	1.38	0.59	1.5	0.12	1.77	1.4	2.26	0.83	0.82	0.75	$Y_G=16.6$
25 GDV	0.01	0.95	0.37	1.02	0.13	1.53	1.11	1.9	0.74	0.67	0.71	with white
26 GDV	0.01	0.81	0.3	0.87	0.11	1.56	1.05	1.88	0.88	0.7	0.87	border
27 GDV	0.01	0.67	0.24	0.72	0.13	1.47	0.93	1.74	1.03	0.7	1.03	$X_W=90.38$
28 GDV	0.01	0.85	0.3	0.91	0.14	1.84	1.23	2.22	1.35	0.74	0.89	$Y_W=100.0$
29 GDV	0.01	0.92	0.31	0.97	0.15	1.91	1.34	2.34	1.08	0.63	0.64	$Z_W=87.54$
30 GDV	0.01	0.9	0.29	0.95	0.15	1.82	1.31	2.25	0.88	0.54	0.51	$x_W=0.3251$
31 GDV	0.01	0.91	0.29	0.95	0.15	1.79	1.32	2.23	0.8	0.5	0.46	$y_W=0.3598$
32 GDV	0.01	0.91	0.29	0.95	0.15	1.75	1.32	2.2	0.74	0.47	0.43	
33 RDC	0.02	1.19	2.53	2.8	0.26	1.92	1.98	2.77	1.33	0.76	0.84	_RC
34 RDC	0.01	0.98	1.05	1.44	0.13	1.73	1.69	2.42	0.65	0.43	0.44	grey surround
35 RDC	0.01	1.01	0.61	1.18	0.12	1.89	1.76	2.59	0.63	0.44	0.44	$Y_G=16.6$
36 RDC	0.01	0.84	0.44	0.95	0.11	1.68	1.3	2.13	0.54	0.45	0.46	with white
37 RDC	0.01	0.77	0.32	0.83	0.11	1.61	1.12	1.97	0.68	0.56	0.67	border
38 RDC	0.01	0.6	0.2	0.63	0.11	1.3	0.79	1.52	0.89	0.61	0.89	$X_W=90.38$
39 RDC	0.01	1.25	0.41	1.32	0.12	2.22	1.62	2.76	0.96	0.82	1.02	$Y_W=100.0$
40 RDC	0.01	1.35	0.36	1.4	0.13	1.78	1.46	2.31	0.67	0.57	0.58	$Z_W=87.54$
41 RDC	0.01	1.7	0.42	1.75	0.11	1.91	1.66	2.53	0.72	0.59	0.6	$x_W=0.3251$
42 RDC	0.01	2.08	0.46	2.14	0.12	1.98	1.84	2.71	0.79	0.61	0.62	$y_W=0.3598$
43 RDC	0.01	2.55	0.49	2.6	0.12	2.1	1.95	2.87	0.89	0.65	0.66	
mean				1.43				2.41	0.9	0.65	0.71	
standard deviation				0.66				0.36	0.25	0.15	0.21	
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												