

Colour stimuli of just noticeable colour thresholds ($p=50\%$) in *BY* direction

number Colour series	CIELAB differences lightness, chroma, Σ				LABJND differences lightness, chroma, Σ				colour differences other formulae			notes experimental _BY series
	ΔL^*	Δa^*	Δb^*	ΔE^*_{ab}	ΔL^*	Δa^*	Δb^*	ΔE^*_{85}	CMC	C94	C00	
0 <i>WPN</i>	0.0	-0.14	-1.75	1.75	0.05	-0.16	-1.69	1.7	2.49	1.71	1.71	grey surround CIE data no. 03 with white border
1 <i>WPN</i>	0.0	-0.1	-1.16	1.16	0.07	-0.16	-1.56	1.57	1.4	1.02	1.0	
2 <i>WPN</i>	0.0	-0.08	-1.01	1.02	0.06	-0.16	-1.7	1.7	1.32	0.93	0.91	
3 <i>WPN</i>	0.0	-0.08	-0.94	0.95	0.0	-0.19	-1.8	1.81	1.4	0.93	0.92	
4 <i>WPN</i>	0.0	-0.09	-1.08	1.08	0.0	-0.23	-2.16	2.17	1.43	1.01	1.02	
5 <i>WPN</i>	0.0	-0.1	-1.31	1.32	0.0	-0.26	-2.46	2.47	1.55	1.12	1.15	
6 <i>WPN</i>	0.0	-0.08	-0.97	0.98	0.0	-0.2	-2.09	2.1	1.29	0.9	0.89	
7 <i>GDR</i>	0.0	-0.25	-0.51	0.57	0.0	-0.1	-1.36	1.37	0.22	0.22	0.22	grey surround CIE data no. 09 with white border
8 <i>GDR</i>	0.0	-0.11	-0.46	0.47	0.0	-0.1	-1.16	1.16	0.3	0.31	0.31	
9 <i>GDR</i>	0.0	-0.09	-0.48	0.49	0.0	-0.14	-1.17	1.18	0.71	0.48	0.48	
10 <i>GDR</i>	0.01	-0.07	-0.63	0.63	0.08	-0.09	-1.64	1.64	0.54	0.28	0.23	
11 <i>GDR</i>	0.01	-0.08	-0.74	0.75	0.07	-0.09	-1.97	1.97	0.58	0.29	0.23	
12 <i>BDY</i>	0.0	-0.09	-0.36	0.37	0.0	-0.12	-0.97	0.97	0.2	0.17	0.17	grey surround CIE data no. 14 with white border
13 <i>BDY</i>	0.0	-0.1	-0.42	0.44	0.0	-0.15	-1.09	1.1	0.34	0.28	0.29	
14 <i>BDY</i>	0.0	-0.09	-0.45	0.46	0.0	-0.13	-1.08	1.09	0.69	0.45	0.46	
15 <i>BDY</i>	0.0	-0.08	-1.24	1.24	0.0	-0.11	-1.0	1.01	0.54	0.45	0.45	
16 <i>BDY</i>	0.01	-0.11	-4.84	4.85	0.07	-0.16	-1.07	1.09	1.59	1.1	1.14	
mean				1.09					1.54	0.98	0.69	
standard deviation				1.01					0.44	0.61	0.42	

Source: BAM Research Report no. 115 (1985), Tables 5.40;1 to 11