

Colour stimuli of just noticeable colour thresholds (p=50%) in 3 directions

number Colour series		Colour stimuli colour values			Colour stimuli differences at threshold					notes experimental series
		Y	x	y	-WN ΔY	-GR Δx		-BY Δy		
0	WPN	196.9	0.3986	0.4175	1.19	-0.0011	0.0009	-0.0016	-0.0014	_WN, GR, BY grey surround CIE data no. 03 with white border <i>near P4000</i>
1	WPN	74.13	0.3919	0.4139	0.41	-0.0012	0.0011	-0.0016	-0.0013	
2	WPN	34.31	0.3926	0.414	0.18	-0.0013	0.0011	-0.0017	-0.0015	
3	WPN	17.69	0.3973	0.4153	0.09	-0.0016	0.0013	-0.002	-0.0017	
4	WPN	9.15	0.4052	0.4185	0.07	-0.0017	0.0015	-0.0029	-0.0024	
5	WPN	4.65	0.4159	0.4226	0.05	-0.0023	0.002	-0.0042	-0.0036	
6	WPN	3.14	0.386	0.4113	0.04	-0.0027	0.0022	-0.0039	-0.0034	
7	WPN	1.26	0.3829	0.4091	0.02	-0.0045	0.0036	-0.0062	-0.0053	
8	WPN	0.62	0.3856	0.4108	0.02	-0.0076	0.0064	-0.0102	-0.0088	
9	WPN	0.29	0.3905	0.4148	0.01	-0.0132	0.0108	-0.0157	-0.0137	
10	WPN	0.16	0.402	0.4177	0.01	-0.021	0.0164	-0.0251	-0.0235	
11	WDN	27.11	0.3282	0.3627	0.09	-0.001	0.0006	-0.0006	-0.0006	_WN, GR, BY grey surround CIE data no. 12 with white border <i>near D65</i>
12	WDN	16.69	0.3236	0.3584	0.06	-0.0011	0.0006	-0.0008	-0.0006	
13	WDN	10.38	0.3205	0.3552	0.06	-0.0013	0.0007	-0.0009	-0.0009	
14	WDN	6.96	0.3198	0.3543	0.03	-0.0015	0.0008	-0.0012	-0.0011	
15	WDN	4.77	0.3206	0.3553	0.03	-0.0017	0.0011	-0.0012	-0.0012	
16	WDN	3.3	0.3221	0.357	0.03	-0.002	0.0013	-0.0018	-0.0015	
17	WDN	2.27	0.3255	0.3593	0.03	-0.0027	0.0016	-0.0022	-0.0019	
18	WDN	1.76	0.33	0.3612	0.01	-0.0029	0.0019	-0.0025	-0.0021	
19	WDN	1.26	0.3347	0.3649	0.01	-0.0038	0.0024	-0.0029	-0.0026	
20	WDN	0.91	0.3399	0.3691	0.02	-0.0042	0.0028	-0.0042	-0.0032	
21	WDN	0.63	0.3465	0.3738	0.01	-0.0057	0.0039	-0.0056	-0.0048	
22	GDR	14.96	0.1198	0.3961	0.06	-0.0061	0.003	-0.0012	-0.0022	_WN, GR, BY grey surround CIE data no. 27 with white border <i>near D65</i>
23	GDR	15.01	0.1817	0.3839	0.04	-0.005	0.0026	-0.0015	-0.0019	
24	GDR	15.71	0.2422	0.3728	0.06	-0.0037	0.0021	-0.0013	-0.0016	
25	GDR	16.76	0.2786	0.3655	0.06	-0.0026	0.0014	-0.0014	-0.0015	
26	GDR	17.25	0.3041	0.3605	0.06	-0.002	0.0012	-0.0016	-0.0015	
27	GDR	16.52	0.321	0.3578	0.06	-0.0017	0.001	-0.0016	-0.0013	
28	GDR	15.76	0.3808	0.3087	0.04	-0.0021	0.0013	-0.0019	-0.0012	
29	GDR	15.95	0.4326	0.2637	0.05	-0.002	0.0011	-0.0023	-0.001	
30	GDR	16.96	0.4598	0.2388	0.07	-0.0022	0.0011	-0.0022	-0.001	
31	GDR	17.1	0.4763	0.2229	0.09	-0.0019	0.0009	-0.0024	-0.001	
32	GDR	17.17	0.485	0.2119	0.09	-0.002	0.0009	-0.0026	-0.001	
33	BDY	17.29	0.2497	0.2914	0.07	-0.0018	0.0008	-0.0011	-0.0009	_WN, GR, BY grey surround CIE data no. 38 with white border <i>near D65</i>
34	BDY	16.89	0.2685	0.3063	0.03	-0.0016	0.0007	-0.0015	-0.0012	
35	BDY	17.26	0.2877	0.3257	0.06	-0.0017	0.0009	-0.0013	-0.0011	
36	BDY	17.41	0.3011	0.3389	0.05	-0.0017	0.0008	-0.0013	-0.0011	
37	BDY	17.48	0.3142	0.3498	0.05	-0.0017	0.0009	-0.0015	-0.0012	
38	BDY	16.44	0.3232	0.3593	0.06	-0.0016	0.001	-0.0014	-0.0013	
39	BDY	16.2	0.3611	0.3882	0.04	-0.0018	0.0012	-0.0024	-0.0019	
40	BDY	19.91	0.4048	0.4283	0.04	-0.002	0.0017	-0.002	-0.0018	
41	BDY	17.72	0.4338	0.4529	0.05	-0.002	0.0019	-0.0026	-0.0024	
42	BDY	18.05	0.4626	0.4772	0.05	-0.0021	0.0025	-0.003	-0.0027	
43	BDY	18.46	0.4841	0.4968	0.05	-0.002	0.0025	-0.0037	-0.0032	

Samples: bright white (W, no. 0), dark black (S, no. 10), White (W, no. 11), Black (N, no. 21)
Green (G=T (turquoise), no. 22), Red (R=M (magenta), no. 32), Blue (B, no. 33), Yellow (Y, no. 43)
Source: BAM Research Report no. 115 (1985), Tables 5.40;1 to 11