

Senn Number	Name	colour	Opacity	Lightfastness	Sennelier pigments	In boxed set?	R	G	B	L	a	b	H	V	C
116	Titanium white		O	***	PW6 - PW4	✓	244	244	236	95.9	-0.5	34.3Y	9.5	0.4	
139	Antique white		O	***	PW6 - PW4 - PY42 - PBr7	✓	242	226	205	91.1	2.5	12.50.0Y	9	1.7	
140	Iridescent white		T	***	Iridescent	✓	224	218	205	87.3	1.1	6.60.5Y	8.6	0.9	
567	Naples yellow		O	***	PW6 - PW4 - PY4 - PY1	✓	255	228	96	92.6	-6	66.37.4Y	9.1	8.9	
535	Cadmium yellow lemon		O	***	PY 35										
574	Primary yellow		T	***	PY 1	✓	255	214	0	90	-1	91.45.8Y	8.8	12.3	
529	Cadmium yellow light		O	***	PY 35	✓	255	206	0	88.6	4.3	95.64.4Y	8.6	12.1	
533	Cadmium yellow deep		O	***	PY 35	✓	255	160	0	79.6	32.3	89.28.8YR	7.5	12.6	
687	Cadmium orange		O	***	PO 20	✓	255	125	0	71.5	49	82.63.8YR	6.7	14	
605	Cadmium red light		O	***	PR 108	✓	210	61	55	51.5	65	42.86.6R	4.9	14.9	
675	French vermilion red		O	**	PR 4	✓	234	74	52	57.7	65.9	52.77.7R	5.5	16.3	
686	Primary red		T	***	PV 19	✓	175	32	51	41	63.6	32.14.9R	3.9	14.3	
635	Carmine red		T	**	PR 83	✓	154	50	60	38.9	51.3	22.44.1R	3.7	11.2	
631	Mars red		T	***	PR 101										
611	Cadmium red purple		O	***	PR 108	✓	167	57	62	42.4	53.9	25.64.6R	4.1	12	
690	Madder lake pink		T	***	PR 122	✓	152	56	86	39.6	50.7	7.29.7RP	3.8	11	
914	Manganese violet		T	**	PV 16	✓	95	52	109	29.1	32.4	-23.18.0P	2.9	8.2	
903	Blue violet		T	***	PV 23										
940	Alizarin violet lake		T	*	PV 5										
308	Indigo blue		T	***	PBk 1 - PB 15:3										
318	Prussian blue		T	**	PB 27	✓	25	44	78	16.4	5.9	-25.66.7PB	1.6	5.6	
389	Blue lake		T	***	PB 15:3										
357	Ultramarine blue		T	***	PB29	✓	0	83	187	31.3	24.4	-69.56.8PB	3.2	16	
307	Cobalt blue		T	***	PB 72	✓	0	104	194	37.9	13.6	-63.46.8PB	3.8	15	
385	Primary blue		O	***	PW4 - PB 15:3	✓	0	109	171	37.2	-6.6	-52.95.5PB	3.9	12.1	
323	Cerulean blue		O	***	PW4 - PB 15:3	✓	0	127	189	43.8	-11.8	-52.75.1PB	4.5	12.1	
365	Light blue		O	***	PW6 - PB 15:3 - PB29	✓	42	148	222	55.3	-1.7	-51.45.3PB	5.5	12.5	
341	Turquoise blue		O	***	PW4 - PR 15:4 - PG7	✓	0	123	110	41.7	-40.4	-11.26.7BG	4.2	5.6	
847	Emerald green		O	***	PW6 - PY 13 - PG 7										
837	Viridian		T	***	PG 7	✓	0	112	81	38.4	-39.9	1.29.5G	3.8	5.8	
833	Cobalt green light		O	**	PG 17 - PG 7 - PB 15:3	✓	0	125	114	45.1	-34.5	-6.94.9BG	4.4	5.8	
835	Cobalt green deep		O	***	PG 17 - PG 7 - PBk 11 - PB 15:3		20	69	57	25.1	-21	0.60.4BG	2.5	4.5	
875	Alizarin green lake		T	***	PY35 - PY3 - PG36		26	86	72	31.4	-20.5	-1.32.4BG	3.1	3.9	
825	Cadmium green deep		T	***	PG 35 - PG7		0	126	37	45.3	-57.5	34.40.3G	4.5	9.8	
823	Cadmium green light		T	***	PY35 - PG7	✓	46	165	63	59.3	-57	37.51.1G	5.8	11.5	
815	Chromium oxide green		O	***	PG 17	✓	87	115	71	45.7	-22.4	21.89.1GY	4.4	5.3	
813	Olive green		T	***	PR 101 - PG 7 - PB15:3		41	47	42	18.3	-4.2	22.4G	1.8	1.1	
412	Sennelier brown		T	***	PBr 23 - PY 13 - PBk 1										
438	Sepia		T	***	PBk 1 - PY 83 - PR 101		53	51	46	21.1	-0.1	3.16.7Y	2.1	0.5	
202	Burnt umber		O	***	PR 101 - PY 42 - PBk11	✓	80	59	53	27.2	9.6	8.11.5YR	2.6	1.9	
205	Raw umber		O	***	PR 101 - PY 42 - PBk11		69	56	53	25	5.3	4.43.5YR	2.4	1.1	
211	Burnt sienna		T	***	PBr 23 - PY 1:1 - PB 29	✓	140	71	58	40.1	32.3	248.7R	3.9	7.4	
259	Red ochre		O	***	PR 101 - PY 42	✓	146	75	61	42	31.5	24.69.1R	4	7.3	
505	Mars yellow		T	***	PY 42		200	119	48	60.2	26	54.16.1YR	5.8	9.9	
252	Yellow ochre		O	***	PY 42	✓	184	116	36	57.1	19.4	558.8YR	5.5	8.7	
208	Raw sienna		O	***	PY 42 - PR101 - PBK1	✓	148	90	45	45.4	20.3	37.46.6YR	4.4	6.7	
250	Flesh ochre		O	***	PW6 - PY42 - PR101	✓	228	172	159	76.1	21.1	16.68.7R	7.4	5.4	
028	Gold		T	***	Iridescent		213	161	85	71.5	11.9	47.20.4Y	6.9	7.4	
036	Copper		T	***	Iridescent		173	98	80	51.3	30.4	26.49.4R	4.9	7.1	
029	Silver		T	***	Iridescent		177	181	181	73	-0.9	-18.5B	7.1	0.4	
003	Transparent medium		T	***	none	✓	236	235	223	92.8	-0.6	5.27.3Y	9.2	0.6	
919	Mars violet		O	***	PR 101 - PB 29 - PV 23										
703	Payne's grey		T	***	PBk 1 - PR 83 - PB 60	✓	53	58	69	23.6	1.1	-8.16.4PB	2.3	1.7	
768	Vine black		T	***	PBk 8	✓	57	56	56	23.4	0.4	0.1N	2	0	
755	Ivory black		O	***	PBk 11 - PBk 1	✓	44	44	44	17.7	0.5	-0.15.2RP	1.7	0.1	

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Senn Number	Name	colour	Opacity	Lightfastness	Sennelier pigments	In boxed set?	R	G	B	L	a	b	H	V	C
116	Titanium white		O	***	PW6 - PW4	✓	244	244	236	95.9	-0.5	34.3Y	9.5	0.4	
139	Antique white		O	***	PW6 - PW4 - PY42 - PBr7	✓	242	226	205	91.1	2.5	12.50.0Y	9	1.7	
140	Iridescent white		T	***	Iridescent	✓	224	218	205	87.3	1.1	6.60.5Y	8.6	0.9	
202	Burnt umber		O	***	PR 101 - PY 42 - PBk11	✓	80	59	53	27.2	9.6	8.1 1.5YR	2.6	1.9	
205	Raw umber		O	***	PR 101 - PY 42 - PBk11		69	56	53	25	5.3	4.4 3.5YR	2.4	1.1	
208	Raw sienna		O	***	PY 42 - PR101 - PBk1	✓	148	90	45	45.4	20.3	37.4 6.6YR	4.4	6.7	
211	Burnt sienna		T	***	PBr 23 - PY 1:1 - PB 29	✓	140	71	58	40.1	32.3	24 8.7R	3.9	7.4	
250	Flesh ochre		O	***	PW6 - PY42 - PR101	✓	228	172	159	76.1	21.1	16.6 8.7R	7.4	5.4	
252	Yellow ochre		O	***	PY 42	✓	184	116	36	57.1	19.4	55 8.8YR	5.5	8.7	
259	Red ochre		O	***	PR 101 - PY 42	✓	146	75	61	42	31.5	24.6 9.1R	4	7.3	
307	Cobalt blue		T	***	PB 72	✓	0	104	194	37.9	13.6	-63.4 6.8PB	3.8	15	
308	Indigo blue		T	***	PBk 1 - PB 15:3										
318	Prussian blue		T	**	PB 27	✓	25	44	78	16.4	5.9	-25.6 6.7PB	1.6	5.6	
323	Cerulean blue		O	***	PW4 - PB 15:3	✓	0	127	189	43.8	-11.8	-52.7 5.1PB	4.5	12.1	
341	Turquoise blue		O	***	PW4 - PR 15:4 - PG7	✓	0	123	110	41.7	-40.4	-11.2 6.7BG	4.2	5.6	
357	Ultramarine blue		T	***	PB29	✓	0	83	187	31.3	24.4	-69.5 6.8PB	3.2	16	
365	Light blue		O	***	PW6 - PB 15:3 - PB29	✓	42	148	222	55.3	-1.7	-51.4 5.3PB	5.5	12.5	
385	Primary blue		O	***	PW4 - PB 15:3	✓	0	109	171	37.2	-6.6	-52.9 5.5PB	3.9	12.1	
389	Blue lake		T	***	PB 15:3										
412	Sennelier brown		T	***	PBr 23 - PY 13 - PBk 1										
438	Sepia		T	***	PBk 1 - PY 83 - PR 101		53	51	46	21.1	-0.1	3.1 6.7Y	2.1	0.5	
505	Mars yellow		T	***	PY 42		200	119	48	60.2	26	54.1 6.1YR	5.8	9.9	
529	Cadmium yellow light		O	***	PY 35	✓	255	206	0	88.6	4.3	95.6 4.4Y	8.6	12.1	
533	Cadmium yellow deep		O	***	PY 35	✓	255	160	0	79.6	32.3	89.2 8.8YR	7.5	12.6	
535	Cadmium yellow lemon		O	***	PY 35										
567	Naples yellow		O	***	PW6 - PW4 - PY4 - PY1	✓	255	228	96	92.6	-6	66.3 7.4Y	9.1	8.9	
574	Primary yellow		T	***	PY 1	✓	255	214	0	90	-1	91.4 5.8Y	8.8	12.3	
605	Cadmium red light		O	***	PR 108	✓	210	61	55	51.5	65	42.8 6.6R	4.9	14.9	
611	Cadmium red purple		O	***	PR 108	✓	167	57	62	42.4	53.9	25.6 4.6R	4.1	12	
631	Mars red		T	***	PR 101										
635	Carmine red		T	**	PR 83	✓	154	50	60	38.9	51.3	22.4 4.1R	3.7	11.2	
675	French vermilion red		O	**	PR 4	✓	234	74	52	57.7	65.9	52.7 7.7R	5.5	16.3	
686	Primary red		T	***	PV 19	✓	175	32	51	41	63.6	32.1 4.9R	3.9	14.3	
687	Cadmium orange		O	***	PO 20	✓	255	125	0	71.5	49	82.6 3.8YR	6.7	14	
690	Madder lake pink		T	***	PR 122	✓	152	56	86	39.6	50.7	7.2 9.7RP	3.8	11	
703	Payne's grey		T	***	PBk 1 - PR 83 - PB 60	✓	53	58	69	23.6	1.1	-8.1 6.4PB	2.3	1.7	
755	Ivory black		O	***	PBk 11 - PBk 1	✓	44	44	44	17.7	0.5	-0.1 5.2RP	1.7	0.1	
768	Vine black		T	***	PBk 8	✓	57	56	56	23.4	0.4	0.1 N	2	0	
813	Olive green		T	***	PR 101 - PG 7 - PB15:3		41	47	42	18.3	-4.2	22.4G	1.8	1.1	
815	Chromium oxide green		O	***	PG 17	✓	87	115	71	45.7	-22.4	21.8 9.1GY	4.4	5.3	
823	Cadmium green light		T	***	PY35 - PG7	✓	46	165	63	59.3	-57	37.5 1.1G	5.8	11.5	
825	Cadmium green deep		T	***	PG 35 - PG7		0	126	37	45.3	-57.5	34.4 0.3G	4.5	9.8	
833	Cobalt green light		O	**	PG 17 - PG 7 - PB 15:3	✓	0	125	114	45.1	-34.5	-6.9 4.9BG	4.4	5.8	
835	Cobalt green deep		O	***	PG 17 - PG 7 - PBk 11 - PB 15:3		20	69	57	25.1	-21	0.6 0.4BG	2.5	4.5	
837	Viridian		T	***	PG 7	✓	0	112	81	38.4	-39.9	1.2 9.5G	3.8	5.8	
847	Emerald green		O	***	PW6 - PY 13 - PG 7										
875	Alizarin green lake		T	***	PY35 - PY3 - PG36		26	86	72	31.4	-20.5	-1.3 2.4BG	3.1	3.9	
903	Blue violet		T	***	PV 23										
914	Manganese violet		T	**	PV 16	✓	95	52	109	29.1	32.4	-23.1 8.0P	2.9	8.2	
919	Mars violet		O	***	PR 101 - PB 29 - PV 23										
940	Alizarin violet lake		T	*	PV 5										
003	Transparent medium		T	***	none	✓	236	235	223	92.8	-0.6	5.2 7.3Y	9.2	0.6	
028	Gold		T	***	Iridescent		213	161	85	71.5	11.9	47.2 0.4Y	6.9	7.4	
029	Silver		T	***	Iridescent		177	181	181	73	-0.9	-1 8.5B	7.1	0.4	
036	Copper		T	***	Iridescent		173	98	80	51.3	30.4	26.4 9.4R	4.9	7.1	

Colours scanned and pasted in from 'full colour' patch samples. Colour values measured using ColorMunki® and converted to Munsell using BabelColor CT&A.

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Senn Number	Name	colour	Opacity	Lightfastness	Sennelier pigments	In boxed set?	R	G	B	L	a	b	H	V	C
116	Titanium white		O	***	PW6 - PW4	✓	244	244	236	95.9	-0.5	34.3Y	9.5	0.4	
139	Antique white		O	***	PW6 - PW4 - PY42 - PBr7	✓	242	226	205	91.1	2.5	12.50.0Y	9	1.7	
567	Naples yellow		O	***	PW6 - PW4 - PY4 - PY1	✓	255	228	96	92.6	-6	66.37.4Y	9.1	8.9	
535	Cadmium yellow lemon		O	***	PY 35										
529	Cadmium yellow light		O	***	PY 35	✓	255	206	0	88.6	4.3	95.64.4Y	8.6	12.1	
533	Cadmium yellow deep		O	***	PY 35	✓	255	160	0	79.6	32.3	89.28.8YR	7.5	12.6	
687	Cadmium orange		O	***	PO 20	✓	255	125	0	71.5	49	82.63.8YR	6.7	14	
605	Cadmium red light		O	***	PR 108	✓	210	61	55	51.5	65	42.86.6R	4.9	14.9	
675	French vermilion red		O	**	PR 4	✓	234	74	52	57.7	65.9	52.77.7R	5.5	16.3	
611	Cadmium red purple		O	***	PR 108	✓	167	57	62	42.4	53.9	25.64.6R	4.1	12	
385	Primary blue		O	***	PW4 - PB 15:3	✓	0	109	171	37.2	-6.6	-52.95.5PB	3.9	12.1	
323	Cerulean blue		O	***	PW4 - PB 15:3	✓	0	127	189	43.8	-11.8	-52.75.1PB	4.5	12.1	
365	Light blue		O	***	PW6 - PB 15:3 - PB29	✓	42	148	222	55.3	-1.7	-51.45.3PB	5.5	12.5	
341	Turquoise blue		O	***	PW4 - PR 15:4 - PG7	✓	0	123	110	41.7	-40.4	-11.26.7BG	4.2	5.6	
847	Emerald green		O	***	PW6 - PY 13 - PG 7										
833	Cobalt green light		O	**	PG 17 - PG 7 - PB 15:3	✓	0	125	114	45.1	-34.5	-6.94.9BG	4.4	5.8	
835	Cobalt green deep		O	***	PG 17 - PG 7 - PBk 11 - PB 15:3		20	69	57	25.1	-21	0.60.4BG	2.5	4.5	
815	Chromium oxide green		O	***	PG 17	✓	87	115	71	45.7	-22.4	21.89.1GY	4.4	5.3	
202	Burnt umber		O	***	PR 101 - PY 42 - PBk11	✓	80	59	53	27.2	9.6	8.11.5YR	2.6	1.9	
205	Raw umber		O	***	PR 101 - PY 42 - PBk11		69	56	53	25	5.3	4.43.5YR	2.4	1.1	
259	Red ochre		O	***	PR 101 - PY 42	✓	146	75	61	42	31.5	24.69.1R	4	7.3	
252	Yellow ochre		O	***	PY 42	✓	184	116	36	57.1	19.4	558.8YR	5.5	8.7	
208	Raw sienna		O	***	PY 42 - PR101 - PBK1	✓	148	90	45	45.4	20.3	37.46.6YR	4.4	6.7	
250	Flesh ochre		O	***	PW6 - PY42 - PR101	✓	228	172	159	76.1	21.1	16.68.7R	7.4	5.4	
919	Mars violet		O	***	PR 101 - PB 29 - PV 23										
755	Ivory black		O	***	PBk 11 - PBk 1	✓	44	44	44	17.7	0.5	-0.15.2RP	1.7	0.1	
140	Iridescent white		T	***	Iridescent	✓	224	218	205	87.3	1.1	6.60.5Y	8.6	0.9	
574	Primary yellow		T	***	PY 1	✓	255	214	0	90	-1	91.45.8Y	8.8	12.3	
686	Primary red		T	***	PV 19	✓	175	32	51	41	63.6	32.14.9R	3.9	14.3	
635	Carmine red		T	**	PR 83	✓	154	50	60	38.9	51.3	22.44.1R	3.7	11.2	
631	Mars red		T	***	PR 101										
690	Madder lake pink		T	***	PR 122	✓	152	56	86	39.6	50.7	7.29.7RP	3.8	11	
914	Manganese violet		T	**	PV 16	✓	95	52	109	29.1	32.4	-23.18.0P	2.9	8.2	
903	Blue violet		T	***	PV 23										
940	Alizarin violet lake		T	*	PV 5										
308	Indigo blue		T	***	PBk 1 - PB 15:3										
318	Prussian blue		T	**	PB 27	✓	25	44	78	16.4	5.9	-25.66.7PB	1.6	5.6	
389	Blue lake		T	***	PB 15:3										
357	Ultramarine blue		T	***	PB29	✓	0	83	187	31.3	24.4	-69.56.8PB	3.2	16	
307	Cobalt blue		T	***	PB 72	✓	0	104	194	37.9	13.6	-63.46.8PB	3.8	15	
837	Viridian		T	***	PG 7	✓	0	112	81	38.4	-39.9	1.29.5G	3.8	5.8	
875	Alizarin green lake		T	***	PY35 - PY3 - PG36		26	86	72	31.4	-20.5	-1.32.4BG	3.1	3.9	
825	Cadmium green deep		T	***	PG 35 - PG7		0	126	37	45.3	-57.5	34.40.3G	4.5	9.8	
823	Cadmium green light		T	***	PY35 - PG7	✓	46	165	63	59.3	-57	37.51.1G	5.8	11.5	
813	Olive green		T	***	PR 101 - PG 7 - PB15:3		41	47	42	18.3	-4.2	22.4G	1.8	1.1	
412	Sennelier brown		T	***	PBr 23 - PY 13 - PBk 1										
438	Sepia		T	***	PBk 1 - PY 83 - PR 101		53	51	46	21.1	-0.1	3.16.7Y	2.1	0.5	
211	Burnt sienna		T	***	PBr 23 - PY 1:1 - PB 29	✓	140	71	58	40.1	32.3	248.7R	3.9	7.4	
505	Mars yellow		T	***	PY 42		200	119	48	60.2	26	54.16.1YR	5.8	9.9	
028	Gold		T	***	Iridescent		213	161	85	71.5	11.9	47.20.4Y	6.9	7.4	
036	Copper		T	***	Iridescent		173	98	80	51.3	30.4	26.49.4R	4.9	7.1	
029	Silver		T	***	Iridescent		177	181	181	73	-0.9	-18.5B	7.1	0.4	
003	Transparent medium		T	***	none	✓	236	235	223	92.8	-0.6	5.27.3Y	9.2	0.6	
703	Payne's grey		T	***	PBk 1 - PR 83 - PB 60	✓	53	58	69	23.6	1.1	-8.16.4PB	2.3	1.7	
768	Vine black		T	***	PBk 8	✓	57	56	56	23.4	0.4	0.1N	2	0	

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Senn Number	Name	colour	Opacity	Lightfastness	Sennelier pigments	In boxed set?	R	G	B	L	a	b	H	V	C	
875	Alizarin green lake		T	***	PY35 - PY3 - PG36		26	86	72	31.4	-20.5	-1.3	2.4	BG	3.1	3.9
940	Alizarin violet lake		T	*	PV 5											
139	Antique white		O	***	PW6 - PW4 - PY42 - PBr7	✓	242	226	205	91.1	2.5	12.5	0.0	Y	9	1.7
389	Blue lake		T	***	PB 15:3											
903	Blue violet		T	***	PV 23											
211	Burnt sienna		T	***	PBr 23 - PY 1:1 - PB 29	✓	140	71	58	40.1	32.3	24.8	7.7	R	3.9	7.4
202	Burnt umber		O	***	PR 101 - PY 42 - PBk11	✓	80	59	53	27.2	9.6	8.1	1.5	YR	2.6	1.9
825	Cadmium green deep		T	***	PG 35 - PG7		0	126	37	45.3	-57.5	34.4	0.3	G	4.5	9.8
823	Cadmium green light		T	***	PY35 - PG7	✓	46	165	63	59.3	-57	37.5	1.1	G	5.8	11.5
687	Cadmium orange		O	***	PO 20	✓	255	125	0	71.5	49	82.6	3.8	YR	6.7	14
605	Cadmium red light		O	***	PR 108	✓	210	61	55	51.5	65	42.8	6.6	R	4.9	14.9
611	Cadmium red purple		O	***	PR 108	✓	167	57	62	42.4	53.9	25.6	4.6	R	4.1	12
533	Cadmium yellow deep		O	***	PY 35	✓	255	160	0	79.6	32.3	89.2	8.8	YR	7.5	12.6
535	Cadmium yellow lemon		O	***	PY 35											
529	Cadmium yellow light		O	***	PY 35	✓	255	206	0	88.6	4.3	95.6	4.4	Y	8.6	12.1
635	Carmine red		T	**	PR 83	✓	154	50	60	38.9	51.3	22.4	4.1	R	3.7	11.2
323	Cerulean blue		O	***	PW4 - PB 15:3	✓	0	127	189	43.8	-11.8	-52.7	5.1	PB	4.5	12.1
815	Chromium oxide green		O	***	PG 17	✓	87	115	71	45.7	-22.4	21.8	9.1	GY	4.4	5.3
307	Cobalt blue		T	***	PB 72	✓	0	104	194	37.9	13.6	-63.4	6.8	PB	3.8	15
835	Cobalt green deep		O	***	PG 17 - PG 7 - PBk 11 - PB 15:3		20	69	57	25.1	-21	0.6	0.4	BG	2.5	4.5
833	Cobalt green light		O	**	PG 17 - PG 7 - PB 15:3	✓	0	125	114	45.1	-34.5	-6.9	4.9	BG	4.4	5.8
036	Copper		T	***	Iridescent		173	98	80	51.3	30.4	26.4	9.4	R	4.9	7.1
847	Emerald green		O	***	PW6 - PY 13 - PG 7											
250	Flesh ochre		O	***	PW6 - PY42 - PR101	✓	228	172	159	76.1	21.1	16.6	8.7	R	7.4	5.4
675	French vermilion red		O	**	PR 4	✓	234	74	52	57.7	65.9	52.7	7.7	R	5.5	16.3
028	Gold		T	***	Iridescent		213	161	85	71.5	11.9	47.2	0.4	Y	6.9	7.4
308	Indigo blue		T	***	PBk 1 - PB 15:3											
140	Iridescent white		T	***	Iridescent	✓	224	218	205	87.3	1.1	6.6	0.5	Y	8.6	0.9
755	Ivory black		O	***	PBk 11 - PBk 1	✓	44	44	44	17.7	0.5	-0.1	5.2	RP	1.7	0.1
365	Light blue		O	***	PW6 - PB 15:3 - PB29	✓	42	148	222	55.3	-1.7	-51.4	5.3	PB	5.5	12.5
690	Madder lake pink		T	***	PR 122	✓	152	56	86	39.6	50.7	7.2	9.7	RP	3.8	11
914	Manganese violet		T	**	PV 16	✓	95	52	109	29.1	32.4	-23.1	8.0	P	2.9	8.2
631	Mars red		T	***	PR 101											
919	Mars violet		O	***	PR 101 - PB 29 - PV 23											
505	Mars yellow		T	***	PY 42		200	119	48	60.2	26	54.1	6.1	YR	5.8	9.9
567	Naples yellow		O	***	PW6 - PW4 - PY4 - PY1	✓	255	228	96	92.6	-6	66.3	7.4	Y	9.1	8.9
813	Olive green		T	***	PR 101 - PG 7 - PB15:3		41	47	42	18.3	-4.2	2.2	4	G	1.8	1.1
703	Payne's grey		T	***	PBk 1 - PR 83 - PB 60	✓	53	58	69	23.6	1.1	-8.1	6.4	PB	2.3	1.7
385	Primary blue		O	***	PW4 - PB 15:3	✓	0	109	171	37.2	-6.6	-52.9	5.5	PB	3.9	12.1
686	Primary red		T	***	PV 19	✓	175	32	51	41	63.6	32.1	4.9	R	3.9	14.3
574	Primary yellow		T	***	PY 1	✓	255	214	0	90	-1	91.4	5.8	Y	8.8	12.3
318	Prussian blue		T	**	PB 27	✓	25	44	78	16.4	5.9	-25.6	6.7	PB	1.6	5.6
208	Raw sienna		O	***	PY 42 - PR101 - PBk1	✓	148	90	45	45.4	20.3	37.4	6.6	YR	4.4	6.7
205	Raw umber		O	***	PR 101 - PY 42 - PBk11		69	56	53	25	5.3	4.4	3.5	YR	2.4	1.1
259	Red ochre		O	***	PR 101 - PY 42	✓	146	75	61	42	31.5	24.6	9.1	R	4	7.3
412	Sennelier brown		T	***	PBr 23 - PY 13 - PBk 1											
438	Sepia		T	***	PBk 1 - PY 83 - PR 101		53	51	46	21.1	-0.1	3.1	6.7	Y	2.1	0.5
029	Silver		T	***	Iridescent		177	181	181	73	-0.9	-1.8	5	B	7.1	0.4
116	Titanium white		O	***	PW6 - PW4	✓	244	244	236	95.9	-0.5	3.4	3	Y	9.5	0.4
003	Transparent medium		T	***	none	✓	236	235	223	92.8	-0.6	5.2	7.3	Y	9.2	0.6
341	Turquoise blue		O	***	PW4 - PR 15:4 - PG7	✓	0	123	110	41.7	-40.4	-11.2	6.7	BG	4.2	5.6
357	Ultramarine blue		T	***	PB29	✓	0	83	187	31.3	24.4	-69.5	6.8	PB	3.2	16
768	Vine black		T	***	PBk 8	✓	57	56	56	23.4	0.4	0.1	N		2	0
837	Viridian		T	***	PG 7	✓	0	112	81	38.4	-39.9	1.2	9.5	G	3.8	5.8
252	Yellow ochre		O	***	PY 42	✓	184	116	36	57.1	19.4	55.8	8	YR	5.5	8.7

Colours scanned and pasted in from 'full colour' patch samples. Colour values measured using ColorMunki® and converted to Munsell using BabelColor CT&A.

Note that all colour values are approximate, and conversions are even more approximate, particularly to the Munsell System.

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