

Fluid Acrylics - Pigment Detail Chart													
Fluid Color Page													
	Color Name (Item Number)	Pigment Classification	Color Index Name	Color Index Number	Chemical Description	Opacity / Transparency	Lightfastness Rating	Permanency	Munsell Notation Listing	Gloss Average	Viscosity Range	CIE L*a*b* Values	Tint Strength
	Primary Yellow (2422)	Organic	PY175 / PW6 / PY74	11710 / 11738 / 77891	Benzimidazolone Yellow H6G / Titanium Dioxide Rutile / Arylide Yellow 5GX	☒ Semi-Transparent	☒☒	Excellent	Hue:4.6 Value:8.8 Chroma:13	44.27	400-1000 CPS	L*94.6 a*7.24 b*90.03	95.17
	Benzimidazolone Yellow Light (2009)	Synthetic Organic	PY175	11784	Benzimidazolone Yellow H6G	☐ Transparent	☒☒	Excellent	Hue:5 Y Value:8.4 Chroma:13	0	N/A	L*93.43 a*4.73 b*91.99	0
	Benzimidazolone Yellow Medium (2008)	Synthetic Organic	PY154	11781	Benzimidazolone Yellow H6G	☒ Semi-Transparent	☒☒	Excellent	Hue:2.6 Y Value:8.1 Chroma:14	0	N/A	L*80.04 a*15.76 b*93.13	0
	Hansa Yellow Opaque (2191)	Organic	PY74	11741	Arylide Yellow 5GX	☑ Semi-Opaque	☒☒	Excellent	Hue:5 Value:0 Chroma:16	78.28	400-1000 CPS	L*95.41 a*11.09 b*93.99	92.91
	Cadmium Yellow Medium Hue (2428)	Organic	PY74 / PY175 / PY83(HR70)	21108 / 77788 / 11710	Arylide Yellow 5GX / Benzimidazolone Yellow H6G / Diarylide Yellow HR70	☑ Semi-Opaque	☒☒	Excellent	Hue:1.5 Value:0 Chroma:13.7	73.8	400-1000 CPS	L*91.47 a*16.65 b*78.94	93.75
	Nickel Azo Yellow (2225)	Organic	PY150	12764	Nickel Complex Azo	☐ Transparent	☒☒	Excellent	Hue:3.5 Value:4.7 Chroma:9	94.21	400-1000 CPS	L*52.06 a*12.26 b*40.34	90.7
	India Yellow Hue (2436)	Organic	PY175 / PY150 / PR206	11738 / 12764 / 73903	Benzimidazolone Yellow H6G / Nickel Complex Azo / Quinacridone	☐ Transparent	☒☒	Excellent	Hue:5 Y Value:5.3 Chroma:9.5	86.88	400-1000 CPS	L*55.2 a*28.9 b*48.11	90.36
	Quinacridone / Nickel Azo Gold (2301)	Organic	PY150 / P048	73900/73920 / 12764	Nickel Complex Azo / Quinacridone	☐ Transparent	☒☒	Excellent	Hue:2.2 Y Value:3.3 Chroma:4	83	400-1000 CPS	L*34.34 a*18.65 b*14.23	84.1
	Azo Gold (2302)	Mixture	PR101 / PY150	77491 / 12764	Synthetic Iron Oxide / Nickel Complex Azo	☐ Transparent	ASTM ☒☒	Excellent	Hue:0 Value:0 Chroma:0	0		L*0 a*0 b*0	0
	Diarylide Yellow (2147)	Organic	PY83(HR70)	21108	Diarylide Yellow HR70	☑ Semi-Opaque	☒☒	Excellent	Hue:8 Y Value:0 Chroma:15.8	85.52	400-1000 CPS	L*75.48 a*33.38 b*80.36	88.16
	Yat Orange (2403)	Organic	P043	71105	Perinone Orange	☑ Semi-Opaque	☒☒	Excellent	Hue:10 Value:5.2 Chroma:15.3	88.03	400-1000 CPS	L*54.19 a*53.46 b*48.12	79.62
	Pyrrrole Orange (2276)	Organic	P073	561170	Diketopyrrolo-pyrrole	☑ Semi-Opaque	☒☒	Excellent	Hue:9 Value:0 Chroma:18	70.05	400-1000 CPS	L*55.97 a*59.52 b*53.43	81.55
	Pyrrrole Red Light (2279)	Organic	PR255	561050	Diketopyrrolo-pyrrole	☑ Semi-Opaque	☒☒	Excellent	Hue:8 Value:4.2 Chroma:17	88.92	400-1000 CPS	L*47.7 a*56.46 b*37.62	75.61
	Naphthol Red Light (2210)	Organic	PR112	12370	Naphthol AS-D	☒ Semi-Transparent	☒☒	Very Good	Hue:7 Value:4.2 Chroma:17	49.2	400-1000 CPS	L*44.02 a*50.85 b*32.4	72.21
	Pyrrrole Red (2277)	Organic	PR254	56110	Diketopyrrolo-pyrrole	☑ Semi-Opaque	☒☒	Excellent	Hue:6.5 Value:4.2 Chroma:17	88.11	700-1000 CPS	L*42.26 a*54.6 b*31.25	73.37
	Cadmium Red Medium Hue (2425)	Organic	PR112 / PR5	12370 / 12490	Naphthol AS-D / Naphthol ITR	☒ Semi-Transparent	☒☒	Very Good	Hue:9 Value:3 Chroma:13.4	74.7	400-1000 CPS	L*42.05 a*48.29 b*29.06	73.39
	Primary Magenta (2421)	Organic	PV19	73900	Quinacridone	☑ Semi-Opaque	☒☒	Excellent	Hue:4.6 Value:4 Chroma:11.4	21.7	400-1000 CPS	L*40.82 a*46.03 b*21.21	76.55
	Light Magenta (2362)	Mixture	PW6 / PR112	77891 / 12370	Titanium Dioxide Rutile / Naphthol AS-D	☑ Semi-Opaque	ASTM ☒☒	Very Good	Hue:0 Value:0 Chroma:0	0		L*0 a*0 b*0	0
	Naphthol Red Medium (2220)	Organic	PR5	12490	Naphthol ITR	☑ Semi-Opaque	☒☒	Very Good	Hue:6 Value:3 Chroma:10.6	80.08	700-1000 CPS	L*36.83 a*38.81 b*20.83	71.47
	Quinacridone Red (2310)	Organic	PV19	73900	Quinacridone	☐ Transparent	☒☒	Excellent	Hue:2.5 Value:3.2 Chroma:12	82.26	400-1000 CPS	L*37.74 a*40.88 b*15.2	76.49
	Alizarin Crimson Hue (2435)	Organic	PR206 / PR122 / PG7	73915 / 73903 / 74260	Quinacridone / Quinacridone / Chlorinated Copper Phthalocyanine	☐ Transparent	☒☒	Excellent	Hue:10 R Value:2 Chroma:1.2	100.92	400-1000 CPS	L*27.94 a*53.46 b*2.19	73.1
	Quinacridone Magenta (2305)	Organic	PR122	73915	Quinacridone	☐ Transparent	☒☒	Excellent	Hue:10 R Value:2 Chroma:10	97.99	400-1000 CPS	L*31.41 a*27.69 b*2.75	73.51
	Quinacridone Violet (2330)	Organic	PV19	73900	Quinacridone	☐ Transparent	☒☒	Excellent	Hue:10 R Value:2 Chroma:8	80.25	400-1000 CPS	L*29.4 a*22.71 b*6.07	70.65
	Permanent Violet Dark (2253)	Mixture	PR122 / PB60	69800 / 73915	Quinacridone / Indanthrone	☐ Transparent	☒☒	Excellent	Hue:3 R Value:1 Chroma:3	97.79	400-1000 CPS	L*26.64 a*7.65 b*-5.02	73
	Ultramarine Violet (2401)	Inorganic	PV15	77007	Polysulfide of Sodium-Alumino-Silicate	☐ Transparent	☒☒	Excellent	Hue:2.5 Value:2 Chroma:2	15.93	600-1000 CPS	L*25.37 a*8.43 b*-15.84	88.18
	Dioxazine Purple (2150)	Organic	PV23	51319	Carbazole Dioxazine	☐ Transparent	☒☒	Very Good	Hue:2.5 Value:0 Chroma:0.5	90.47	400-1000 CPS	L*24.76 a*2.81 b*-0.17	67.34
	Ultramarine Blue (2400)	Inorganic	PB29	77007	Polysulfide of Sodium-Alumino-Silicate	☒ Semi-Transparent	☒☒	Excellent	Hue:8 P Value:0 Chroma:4	23.89	400-1000 CPS	L*24.36 a*12.28 b*-25.74	79.94
	Light Ultramarine Blue (2366)	Mixture	PW6 / PB29	77891 / 77007	Titanium Dioxide Rutile / Polysulfide of Sodium-Alumino-Silicate	☑ Opaque	ASTM ☒☒	Excellent	Hue:0 Value:0 Chroma:0	0		L*0 a*0 b*0	0
	Cobalt Blue (2140)	Inorganic	PB28	77346	Oxides of Cobalt and Aluminum	☒ Semi-Transparent	☒☒	Excellent	Hue:6 P Value:0 Chroma:11	69.45	800-1200 CPS	L*36.63 a*9.51 b*-46.66	83.7
	Cerulean Blue Chromium (2050)	Inorganic	PB36	---	Cobalt Chromate Spinel	☑ Semi-Opaque	☒☒	Excellent	Hue:1 P Value:0 Chroma:7.9	21.44	400-1000 CPS	L*42.76 a*12.04 b*-32.29	87.78
	Anthraquinone Blue (2005)	Organic	PB60	69800	Indanthrone	☒ Semi-Transparent	☒☒	Excellent	Hue:7.5 P Value:1.2 Chroma:3.3	94.74	400-1000 CPS	L*24.44 a*5.02 b*-6	67.09
	Prussian Blue Hue (2439)	Mixture	PBk9 / PB15.0 / PV23	74160 / 51319 / 77267	Amorphous Carbon produced by charring animal bones / Copper Phthalocyanine / Carbazole Dioxazine	☒ Semi-Transparent	☒☒	Very Good	Hue:8 Value:2.4 Chroma:1.5	73.78	400-1000 CPS	L*24.61 a*2.16 b*-3.37	70.3
	Phthalo Blue (Red Shade) (2260)	Organic	PB15.0	74160	Copper Phthalocyanine	☐ Transparent	☒☒	Excellent	Hue:7.5 P Value:1.2 Chroma:6	95.07	400-1000 CPS	L*24.42 a*5.29 b*-9.99	70.77
	Phthalo Blue (Green Shade) (2255)	Organic	PB15.3	74160	Copper Phthalocyanine	☐ Transparent	☒☒	Excellent	Hue:7 P Value:1.2 Chroma:6.5	94.21	400-1000 CPS	L*24.95 a*4.51 b*-18.01	71.17
	Light Phthalo Blue (2377)	Mixture	PW6 / PB15.3	77891 / 74160	Titanium Dioxide Rutile / Copper Phthalocyanine	☑ Semi-Opaque	ASTM ☒☒	Excellent	Hue:0 Value:0 Chroma:0	0		L*0 a*0 b*0	0
	Primary Cyan (2420)	Mixture	PB15.3 / PW6	74160 / 77891	Copper Phthalocyanine / Titanium Dioxide Rutile	☑ Semi-Opaque	☒☒	Excellent	Hue:5.4 P Value:3 Chroma:8.4	19.25	400-1000 CPS	L*34.97 a*3.22 b*-32.28	78.98
	Cerulean Blue Deep (2051)	Inorganic	PB36	77343	Cobalt Chromate Spinel	☑ Semi-Opaque	☒☒	Excellent	Hue:1.2 P Value:0 Chroma:7.9	53.2	400-1000 CPS	L*38.25 a*15.56 b*-23.26	83.1
	Manganese Blue Hue (2437)	Mixture	PW6 / PB15.3 / PG7	74160 / 51319 / 77947	Titanium Dioxide Rutile / Copper Phthalocyanine / Chlorinated Copper Phthalocyanine	☒ Semi-Transparent	☒☒	Excellent	Hue:6 Value:3.9 Chroma:7.3	91.61	400-1000 CPS	L*41.18 a*14.38 b*-31.78	87.92
	Teal (2369)	Mixture	PW6 / PG7 / PB15.3	77891 / 74160 / 74260	Titanium Dioxide Rutile / Chlorinated Copper Phthalocyanine / Copper Phthalocyanine	☑ Opaque	☒☒	Excellent	Hue:9.3 B Value:5 Chroma:9.4	83.7	2000-24000 CPS	L*62.4 a*45.25 b*-13.35	86.24
	Cobalt Teal (2145)	Synthetic Inorganic	PG50	77377	Oxides of Nickel, Cobalt and Titanium	☑ Semi-Opaque	☒☒	Excellent	Hue:8.8 BG Value:5.5 Chroma:9	0	N/A	L*58.58 a*43.11 b*-12.36	0
	Turquoise (Phthalo) (2390)	Mixture	PG7 / PB15.3	74160 / 74260	Chlorinated Copper Phthalocyanine / Copper Phthalocyanine	☐ Transparent	☒☒	Excellent	Hue:5 B Value:1.2 Chroma:2.6	93.44	400-1000 CPS	L*25.76 a*1.64 b*-8.12	74.57
	Cobalt Turquoise (2144)	Inorganic	PB36	77343	Cobalt Chromate Spinel	☑ Semi-Opaque	☒☒	Excellent	Hue:10 B Value:3.7 Chroma:7.8	51.82	600-1000 CPS	L*43.88 a*28.92 b*-9.47	86.04
	Phthalo Green (Blue Shade) (2270)	Organic	PG7	74260	Chlorinated Copper Phthalocyanine	☐ Transparent	☒☒	Excellent	Hue:5 B Value:1.2 Chroma:5	94.02	400-1000 CPS	L*27.19 a*8.89 b*-4.8	78.54
	Viridian Green Hue (2443)	Mixture	PW6 / PB15.0 / PY150 / PB7	77947 / 74160 / 12764 / 77492	Titanium Dioxide Rutile / Copper Phthalocyanine / Nickel Complex Azo / Natural Iron Oxide containing Manganese	☒ Semi-Transparent	☒☒	Excellent	Hue:8.8 Value:3.5 Chroma:5	20.58	400-1000 CPS	L*35.64 a*3.43 b*0.39	85.29
	Phthalo Green (Yellow Shade) (2275)	Organic	PG36	74265	Brominated and Chlorinated Copper Phthalocyanine	☐ Transparent	☒☒	Excellent	Hue:5 Value:1.7 Chroma:5.4	93.74	400-1000 CPS	L*27.82 a*11.83 b*-0.17	83.69
	Permanent Green Light (2250)	Mixture	PY175 / PG7 / PW6	11710 / 74260	Benzimidazolone Yellow H6G / Chlorinated Copper Phthalocyanine / Titanium Dioxide Rutile	☑ Semi-Opaque	☒☒	Excellent	Hue:4 Value:3.7 Chroma:12	80.05	400-1000 CPS	L*43.54 a*46.94 b*17.96	83.5
	Jenkins Green (2195)	Mixture	PBk9 / PG36 / PY150	77267 / 12764 / 74265	Amorphous Carbon produced by charring animal bones / Brominated and Chlorinated Copper Phthalocyanine / Nickel Complex Azo	☒ Semi-Transparent	☒☒	Excellent	Hue:8 G Value:1 Chroma:2.4	53.26	400-1000 CPS	L*26.47 a*3.3 b*-0.58	77.3
	Sap Green Hue (2440)	Mixture	PR101 / PG36 / PY150 / PBk7	77491 / 12764 / 74265 / 77266	Synthetic Iron Oxide / Brominated and Chlorinated Copper Phthalocyanine / Nickel Complex Azo / Nearly Pure Amorphous Carbon	☐ Transparent	☒☒	Excellent	Hue:0.75 Value:2.7 Chroma:1.2	96.24	400-1000 CPS	L*27.81 a*3.43 b*1.3	80.88
	Chromium Oxide Green (2060)	Inorganic	PG17	77288	Anhydrous Chromium Sesquioxide	☑ Opaque	☒☒	Excellent	Hue:9 G Value:0 Chroma:4.6	50.6	750-1000 CPS	L*44.19 a*15.5 b*16.04	81.19
	Green Gold (2170)	Mixture	PY150 / PG36 / PY175	12764 / 74265 / 11710	Nickel Complex Azo / Brominated and Chlorinated Copper Phthalocyanine / Benzimidazolone Yellow H6G	☐ Transparent	☒☒	Excellent	Hue:2 G Value:4.2 Chroma:7.3	93.13	400-1000 CPS	L*47.2 a*12.25 b*32.2	89.11
	Titan Green Pale (2371)	Mixture	PW6 / PY42 / PB7 / PG7	77891, 77492, 77492, 74260	Titanium Dioxide Rutile / Synthetic Hydrated Iron Oxide / Natural Iron Oxide containing Manganese / Chlorinated Copper Phthalocyanine	☑ Opaque	☒☒	Excellent	Hue:5.9 GY Value:8 Chroma:1.7	0	N/A	L*80.49 a*4.97 b*11.74	0
	Titan Buff (2370)	Inorganic	PW6.1 / PW6	77891	Titanium Dioxide Rutile / Titanium Dioxide Rutile	☑ Semi-Opaque	☒☒	Excellent	Hue:4.5 Value:8.2 Chroma:2.8	35.52	400-1000 CPS	L*94.57 a*20.51 b*16.99	92.87
	Naples Yellow Hue (2438)	Mixture	PW6.1 / PW6 / PY42 / PY83(HR70)	77891 / 77492 / 21108	Titanium Dioxide Rutile / Titanium Dioxide Rutile / Synthetic Hydrated Iron Oxide / Diarylide Yellow HR70	☑ Semi-Opaque	☒☒	Excellent	Hue:10 Y Value:7 Chroma:6.7	56.41	400-1000 CPS	L*77.26 a*12.11 b*38.74	76.58
	Yellow Ochre (2407)	Inorganic	PY43	77492	Natural Hydrated Iron Oxide	☑ Semi-Opaque	☒☒	Excellent	Hue:9.5 Y Value:0 Chroma:8.8	62.36	650-1000 CPS	L*57.53 a*15.17 b*37.79	91.1
	Yellow Oxide (2410)	Inorganic	PY42	77492	Synthetic Hydrated Iron Oxide	☑ Semi-Opaque	☒☒	Excellent	Hue:9.5 Y Value:0 Chroma:8.4	79.21	400-1000 CPS	L*61.2 a*15.03 b*43.46	86.07
	Transparent Yellow Iron Oxide (2386)	Inorganic	PY42	77492	Synthetic Hydrated Iron Oxide	☐ Transparent	☒☒	Excellent	Hue:8 Y Value:4 Chroma:6	97.22	400-1000 CPS	L*48.08 a*16.36 b*25.53	91.02
	Raw Sienna (2340)	Inorganic	PY43	77492	Natural Hydrated Iron Oxide	☒ Semi-Transparent	☒☒	Excellent	Hue:9 Y Value:4 Chroma:6.6	27.98	750-1000 CPS	L*88.09 a*4.82 b*12.73	88.08
	Titan Mars Pale (2376)	Mixture	PW6 / PB6	77891 / 77491 & 2	Titanium Dioxide Rutile / Mixture of Synthetic Iron Oxides	☑ Semi-Opaque	ASTM ☒☒	Excellent	Hue:0 Value:0 Chroma:0	0		L*0 a*0 b*0	0
	Transparent Red Iron Oxide (2385)	Inorganic	PR101	77491	Synthetic Iron Oxide	☐ Transparent	☒☒	Excellent	Hue:5 Y Value:2 Chroma:6	43.15	400-1000 CPS	L*32.8 a*16.85 b*8.85	83.51
	Red Oxide (2360)	Inorganic	PR101	77491	Synthetic Iron Oxide	☑ Opaque	☒☒	Excellent	Hue:10 Value:0 Chroma:7.8	76.82	600-1000 CPS	L*67.39 a*19.45 b*7.31	67.4
	Violet Oxide (2405)	Inorganic	PR101	77491	Synthetic Iron Oxide	☑ Opaque	☒☒	Excellent	Hue:0.5 Y Value:2.7 Chroma:5.5	65.9	400-1000 CPS	L*32.13 a*17.48 b*8.24	77.03
	Burnt Sienna (2020)	Inorganic	PB7	77491	Calcined Natural Iron Oxide	☑ Semi-Opaque	☒☒	Excellent	Hue:3 Y Value:3.2 Chroma:4	13.63	750-1000 CPS	L*33.67 a*16.86 b*12.58	80.56
	Burnt Umber Light (2035)	Inorganic	PB7	77491	Calcined Natural Iron Oxide containing Manganese	☑ Semi-Opaque	☒☒	Excellent	Hue:8 Y Value:0 Chroma:1.6	21.69	400-1000 CPS	L*30.12 a*4.41 b*8.93	80.07
	Raw Umber (2350)	Inorganic	PB7	77492	Natural Iron Oxide containing Manganese	☑ Semi-Opaque	☒☒	Excellent	Hue:3 Value:2.3 Chroma:1.3	16.59	400-1000 CPS	L*29.25 a*1.04 b*2.67	76.39
	Van Dyke Brown Hue (2442)	Mixture	PR101 / PBk7	77491 / 77266	Synthetic Iron Oxide / Nearly Pure Amorphous Carbon	☑ Semi-Opaque	☒☒	Excellent	Hue:5 G Value:2 Chroma:0.7	99.81	400-1000 CPS	L*0 a*0 b*0	74.68
	Carbon Black (2040)	Inorganic	PBk7	77266	Nearly Pure Amorphous Carbon	☑ Opaque	☒☒	Excellent	Hue:0 Value:0 Chroma:0.3	79.23	400-1000 CPS	L*25.77 a*0.2 b*-0.17	56.55
	Bone Black (2010)	Inorganic	PBk9	77267	Amorphous Carbon produced by charring animal bones	☒ Semi-Transparent	☒☒	Excellent	Hue:0 Value:0 Chroma:0.5	32.62	600-1000 CPS	L*24.58 a*-0.03 b*-0.46	78.87
	Pavne's Gray (2240)	Mixture	PB29 / PBk7	77007 / 77266	Polysulfide of Sodium-Alumino-Silicate / Nearly Pure Amorphous Carbon	☒ Semi-Transparent	☒☒	Excellent	Hue:4 P Value:1.7 Chroma:0.6	29.3	400-1000 CPS	L*24.12 a*15.5 b*2.24	74.88
	Zinc White (2415)	Inorganic	PW4	77947	Zinc Oxide	☐ Transparent	☒☒	Excellent	Hue:10 Value:1 Chroma:1.5	58.87	800-1100 CPS	L*95.83 a*-0.49 b*0.56	27.2
	Titanium White (2380)	Inorganic	P										