








ACADEMY ARTIST'S OIL COLORS

TECHNICAL SPECIFICATIONS

Color Name	Part #	Pigment Chemical Class	C.I. Name	C.I. Number	LFR	ASTM LFR	OR	OC	HL
Alizarin Crimson	T001	Synthetic 1:2 Dihydroxyanthraquinne on Alumina Base	PR83	58000	III	IV	<input type="checkbox"/>	H	AP
Burnt Sienna	T023	Calcined Natural Iron Oxide Synthetic Iron Oxide	PBr7 PR101	77492 77491	I	I	<input type="checkbox"/>	M	AP
Burnt Umber	T024	Calcined Natural Iron Oxide containing Manganese	PBr7	77492	I	I	<input type="checkbox"/>	M	AP
Dioxazine Purple	T061	Carbazole Dioxazine	PV23	51316	I	II	<input type="checkbox"/>	M	AP
French Ultramarine Blue	T076	Complex Silicate of Sodium and Aluminum with Sulfur	PB29	77007	I	I	<input type="checkbox"/>	L	CL
Grumbacher Red (Naphthol Red)	T095	Naphthol AS-D	PR112	12370	II	II	<input checked="" type="checkbox"/>	M	CL
Ivory Black	T115	Amorphous Carbon produced by charring Animal Bones	PBk9	77267	I	I	<input type="checkbox"/>	M	AP
Mars Black	T134	Synthetic Black Iron Oxide	PBk11	77499	I	I	<input checked="" type="checkbox"/>	L	AP
Naples Yellow Hue	T146	Titanium Dioxide Synthetic Hydrated Iron Oxide Natural Hydrated Iron Oxide Lithopone	PW6 PY42 PY43 PW5	77891 77492 77492 77115	I	I	<input checked="" type="checkbox"/>	L	CL
Payne's Gray	T156	Nearly Pure Amorphous Carbon Complex Silicate of Sodium and Aluminum with Sulfur	PBk6 PB29	77266 77007	I	I	<input type="checkbox"/>	M	AP
Prussian Blue	T168	Ferri-Ammonium Ferrocyanide	PB27	77510	I	I	<input type="checkbox"/>	M	AP
Raw Sienna	T171	Natural Iron Oxide	PBr7	77492	I	I	<input type="checkbox"/>	L	AP
Raw Umber	T172	Natural Iron Oxide containing Manganese	PBr7	77492	I	I	<input type="checkbox"/>	M	AP
Rose Madder Hue	T182	Arylide Yellow 1,2 Dihydroxy Anthraquinone Lake	PY3 PR83	11710 58000	III	III	<input type="checkbox"/>	H	AP
Sap Green	T187	Quinacridone Nickel Complex Azo Copper Phthalocyanine Chlorinated Copper Phthalocyanine	PO48 PY150 PB15:4 PG7	NA NA 74160:4 74260	I	I	<input type="checkbox"/>	H	CL
Thalo Blue	T203	Copper Phthalocyanine	PB15:4	74160:4	I	I	<input type="checkbox"/>	H	AP
Thalo Green (Blue Shade)	T205	Chlorinated Copper Phthalocyanine	PG7	74260	I	I	<input type="checkbox"/>	H	AP
Thio Violet	T211	Gamma Quinacridone Magenta	PR122	73915	I	I	<input type="checkbox"/>	M	AP
Titanium White (Non-Yellowing)	T212	Titanium Dioxide Zinc Oxide	PW6:1 PW4	77891 77947	I	I	<input checked="" type="checkbox"/>	L	CL
Viridian	T232	Complex Silicate of Sodium and Aluminum with Sulfur Chlorinated Copper Phthalocyanine Chlorinated and Brominated Phthalocyanine Titanium Dioxide	PB29 PG7 PG36 PW6	77007 74260 74260 77891	I	I	<input type="checkbox"/>	H	AP
Yellow Ochre	T244	Natural Hydrated Iron Oxide Synthetic Hydrated Iron Oxide	PY43 PY42	77492 77492	I	I	<input checked="" type="checkbox"/>	M	AP
Zinc White	T248	Zinc Oxide	PW4	77497	I	I	<input checked="" type="checkbox"/>	L	CL

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Zinc Yellow Hue	T249	Arylide Yellow 10G Titanium Dioxide	PY3 PW6:1	11710 77497:1	II	II		M	CL
Cadmium Orange Hue	T310	Arylide Yellow 10G Arylide RN Naphthol AS-D Titanium Dioxide	PY3 PY65 PR112 PW6:1	11710 11740 12370 77497:1	II	I		L	CL
Cadmium Red Light Hue	T312	Arylide RN Disazo Scarlet Naphthol Carbamide Naphthol AS-D	PY65 PR166 PR170 PR188	11740 NA 12475 71140	I	I		L	CL
Cadmium Red Medium Hue	T313	Arylide 5GX Perylene Naphthol Carbamide Synthetic Red Iron Oxide(Yellowish Hue)	PY74 PR149 PR170 PR101	11741 71137 12475 77491	I	I		L	CL
Cadmium Yellow Medium Hue	T318	Arylide Yellow 10G Arylide Yellow RN	PY3 PY65	11710 11740	II	I		L	CL
Cadmium Yellow Pale Hue	T320	Arylide 10G Arylide FGL Titanium Dioxide	PY3 PY97 PW6:1	11710 11767 77891:1	II	I		L	CL
Cobalt Blue Hue	T321	Complex Silicate of Sodium and Aluminum with Sulfur Copper Phthalocyanine Carbazole Dioxazine Amorphous Carbon produced by charring Animal Bones Titanium Dioxide	PB29 PB15:4 PV23 PBk9 PW6	77007 74160:4 51316 77267 77497:1	I	I		M	CL

C.I. Name

COLOR INDEX NAME

OR

OPACITY RATING

C.I. Number

COLOR INDEX NUMBER

Standard name and number assigned to a pigment in the Colour Index.
Example: Titanium Dioxide is PW6 (Pigment White 6) 77891

NA - Not Assigned



Transparent



Semi-Transparent



Semi-Opaque



Opaque

LFR

LIGHTFASTNESS RATING

Based on independent tests

- I** Excellent
- II** Very Good
- III** Moderate
- IV** Fugitive

OC

OIL CONTENT

- H** High
- M** Medium
- L** Low

ASTM LFR

ASTM LIGHTFASTNESS RATING

Published by the American Society for Testing Materials

- I** Excellent
- II** Very Good
- III** Not Sufficient (May be satisfactory when used full strength, or with extra protection from exposure to light)
- NT** Not Tested

HL HEALTH LABEL

Labeling recommendations by the Art & Craft Material Institute's Toxicologist. Complies with the Federal Labeling of Hazardous Art Materials Act.

AP Approved Product ; no health labeling required(non-toxic)

CL Health Labeling required; read and follow warnings on label.