

Vakouftsis Art Enterprises

EL
GRECO

COLOR
CARD



PIGMENTS-PASTES (LIQUID),COLOR CARD

Classification symbols

Color Index and Pigment Names

The **Color Index** system is an international standard to denominate dyes and pigments.

In the C.I. a combination of letters and numbers indicate the colour category (C. I.-Name) i. e. PW 6 means Pigment White 6. This is followed by a 5-digit colour

The groups of Colour Index names are:

PW = Pigment white	PB = Pigment blue
PY = Pigment yellow	PG = Pigment green
PO = Pigment orange	PBr = Pigment brown
PR = Pigment red	PBk = Pigment black

Opacity and glazing properties

The opacity of a pigmented colour is not only depending on the thickness of the colour application but also on the distribution and size of the pigments as well as the height of the refractive index of the applied colour. All colours have been submitted to the same testing method: standardized application on black and white striped saturated base. This allows a classification with the 4 El Greco squares, which are now also being used by some other producers:

transparent 

semi-opaque 

semi-transparent 

opaque. 

	White Zinc ☆☆☆☆☆ 	PW 4 Zinc Oxide	Semi opaque clear white for lightening colors	1
	White titanium ☆☆☆☆☆ 	PW 6 Dioxide Titanium	Pure white, brilliant and opaque with high tinting power	2
	Ice White ☆☆☆☆☆ 	PW 6, PB 11, PB 15 Dioxide Titanium Iron oxide, Fhthalocyanine	Opaque white in the shade of ice	3
	Light Yellow ☆☆☆☆☆ 	PW 6, PY 3, PY 184 Dioxide Titanium, Monoazo,Bismuth	Light, Brilliant and high opaque Yellow	4
	Primary Yellow ☆☆☆☆☆ 	PW 6, PY 3, PY 184 Dioxide Titanium, Monoazo,Bismuth	Brilliant, high opaque Yellow in primary shade	5
	Yellow Lemon Cadmium ☆☆☆☆☆ 	PY 3 PY 184 Monoazo, Bismuth	Brilliant clear Yellow, high tinting power, with green tinge.Imitation of the real toxic Cadmium, with the same light fastness	6
	Yellow Canary Cadmium ☆☆☆☆☆ 	PW 6, PY 74 PY 184 Monoazo, Bismuth Dioxide Titanium	Brilliant opaque Yellow, high tinting power, with middle shade.Imitation of the real toxic Cadmium, with the same light fastness.	7
	Yellow Canary Cadmium ☆☆☆☆☆ 	PY 74 PY 184 Monoazo, Bismuth	Brilliant Yellow, with middle shade. Imitation of the real toxic Cadmium, with the same light fastness,high tinting power and clear shade.	8
	Yellow Deep Cadmium ☆☆☆☆☆ 	PY 6, PY 83 PY 154 Disazo, Benzimidazolone Dioxide Titanium	Brilliant opaque Yellow, high tinting power, with deep shade.Imitation of the real toxic Cadmium, with the same light fastness.	9
	Yellow Deep Cadmium ☆☆☆☆☆ 	PY 83,PY 154 Disazo, Benzimidazolone	Brilliant Yellow, semi Transparent with deep shade.Imitation of the real toxic Cadmium, with the same light fastness, high tinting power and clear shade.	10
	Yellow Bismuth ☆☆☆☆☆ 	PY 184 Bismuth	Semi Opaque Yellow, high tinting power, with primary shade.The most brilliant color in Nature!	11
	Yellow Benzimidazolone ☆☆☆☆☆ 	PY 154 Benzimidazolone	Semi Opaque Yellow, high tinting power, with warm shade.Very brilliant and clear Yellow.	12

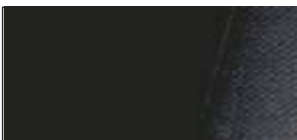
	Cream ☆☆☆☆☆ 	PW 6 PY 42 Dioxide Titanium Iron Oxide	Highly opaque, very light and warm Yellow	13
	Ochre Gold ☆☆☆☆☆ 	PY 42 Iron Oxide	Highly opaque, light and warm Yellow Ochre	14
	Ochre Yellow ☆☆☆☆☆ 	PY 42 Iron Oxide	Opaque, warm shade and high tinting power.	15
	Ochre Red ☆☆☆☆☆ 	PY 42 PO 34 Iron Oxide Disazo	Opaque Ochre, with high tinting power and deep warm shade.	16
	Light Orange ☆☆☆☆☆ 	PW 6, PO 34 PO 36, PY 3 Dioxide Titanium Disazo, Monoazo, Benzimidazolone	Highly opaque with tinting power, very light shade of Orange Cadmium.	17
	Orange Cadmium ☆☆☆☆☆ 	PW 6, PO 34 PO 36, PY 3 Dioxide Titanium Disazo, Monoazo, Benzimidazolone	Imitation shade of Toxic Orange Cadmium, with the same Light Fastness. Opaque and very brilliant.	18
	Primary Orange ☆☆☆☆☆ 	Pr104 Lead Sulfochromate	Opaque with tinting power, very brilliant and more reddish than Orange Cadmium.	19
	Orange Benzimidazolone ☆☆☆☆☆ 	PO 36 Benzimidazolone	Clear Orange, very brilliant and more reddish than Primary Orange.	20
	Sunset Orange ☆☆☆☆☆ 	PO 36, PW 6 Dioxide Titanium, Benzimidazolone, Nanotech Iron Oxides	Opaque with tinting power, brilliant and brownish Orange in Sunset Shades.	21
	Vermillion ☆☆☆☆☆ 	PW 6, PO 36 PO 34 Dioxide Titanium, Benzimidazolone, Disazo	Classic shade of Red Vermillion, but more opaque.	22
	Cinabar ☆☆☆☆☆ 	Pr104 Lead Sulfochromate	Classic clear shade of Cinabar, very brilliant, with high tinting power.	23
		NOT AVAILABLE		
	Red Light Cadmium ☆☆☆☆☆ 	PR 112, PR 254, PW 6 Naphthol Monoazo Diketopyrrolopyrrole Dioxide Titanium	Highly opaque, brilliant with high tinting power. Imitation of toxic Red Light Cadmium, with the same Light Fastness.	24

	Red Light Cadmium ☆☆☆☆☆ 	PR 112, PR 254 Naphthol Monoazo, Diketopyrrolopyrrole	Less Opaque, clear and very brilliant shade.	25
	Permanent Red ☆☆☆☆☆ 	PR 170, PR 254, PW 6 Naphthol , Diketopyrrolopyrrole, Dioxide Titanium	Highly opaque, with tinting power and brilliant shade	26
	Red Medium Cadmium ☆☆☆☆☆ 	PR 170, PR 254, Naphthol , Diketopyrrolopyrrole,	Very Brilliant, clear and opaque, Imitation shade of toxic Red medium Cadmium. With the highest Light Fastness.	27
	Dpp Red ☆☆☆☆☆ 	PR 254 Diketopyrrolopyrrole	One of the most brilliant colors, high tinting power, and perfect Light Fastness.	28
	Red Dark Cadmium ☆☆☆☆☆ 	PR 170, PR 254, PW 6, PV 23 Naphthol , Diketopyrrolopyrrole, Dioxide Titanium Dioxazine	Highly opaque, with tinting power and deep shade. Imitation of toxic Cadmium with high Light Fastness.	29
	Red Dark Cadmium ☆☆☆☆☆ 	PR 170, PR 254, PV 23 Naphthol , Diketopyrrolopyrrole, Dioxazine	Less Opaque, more clear and brilliant. Traditional shade of Red Dark Cadmium	30
	Primary Red ☆☆☆☆☆ 	PR 122, PW 6 Quinacridone, Dioxide Titanium	Opaque, brilliant and highly tinting power. Primary base Red for creating the colors of the chromatic circle.	31
	Red Magenta ☆☆☆☆☆ 	PR 122 Quinacridone	Very brilliant, semi transparent, with highly tinting power.	32
	Red Lake ☆☆☆☆☆ 	PV 19 Quinacridone	Lighter, brilliant, with violet tinge.	33
	Pink ☆☆☆☆☆ 	PV 19, PW 6 Quinacridone, Dioxide Titanium	Very Light and highly Opaque Pink.	34
	Red Carmin ☆☆☆☆☆ 	PV 19, PV 23 Quinacridone Dioxazine	Semi Opaque Red with Blue tinge. Brilliant, and clear shade.	35
	Red Oxide Light ☆☆☆☆☆ 	PO 41 Nanotech Iron Oxides	Opaque Iron Oxide Red, with Orange tinge.	36

	Red Oxide Medium ☆☆☆☆☆ 	PR 101 Nanotech Iron Oxide	Brownish Red Oxide, highly opaque and deep shade. It also known as English red	37
	Red Oxide Dark ☆☆☆☆☆ 	PR 101 Nanotech Iron Oxide	Brownish Red Oxide, with deeper shade than Red Oxide Medium.	38
	Red Kapout Mortoum ☆☆☆☆☆ 	PR 101, PB 15:3 Nanotech Iron Oxide Phthalocyanine	Brownish Red Oxide, highly opaque, with a violet tinge.	39
	Kapout Mortoum ☆☆☆☆☆ 	PR 101 Nanotech Iron Oxide	More violet shade than Red Kapout Mortoum. Traditional color, opaque with high tinting power.	40
	Purple ☆☆☆☆☆ 	PV 19, PV 23, PW 6 Quinacridone, Dioxazine, Dioxide Titanium	Brilliant, and clear shade of Reddish Violet. Highly opaque, with tinting power.	41
	Red Alizarin ☆☆☆☆☆ 	PV 19, PV 23 Quinacridone Dioxazine	Semi Opaque Deep Red with Blue tinge. Brilliant, and clear shade.	42
	Light Violet ☆☆☆☆☆ 	PV 23, PW 6 Dioxazine, Dioxide Titanium	Very Light shade of Violet, highly opaque and high tinting power.	43
	Primary Violet ☆☆☆☆☆ 	PV 23, PW 6 Dioxazine, Dioxide Titanium	Primary shade of Violet, brilliant, high opaque, and clear.	44
	Violet ☆☆☆☆☆ 	PV 23 Dioxazine	Transparent and brilliant shade of Violet, with high tinting power.	45
	Violet Ultramarine ☆☆☆☆☆ 	PV 23, PB 29 Dioxazine, Na, Al, Silicate	Bluish shade of Violet, clear and brilliant.	46
	Deep Blue Ultramarine ☆☆☆☆☆ 	PV 23, PB 29 Dioxazine, Na, Al, Silicate	Deep and clear shade, more bluish than Violet Ultramarine.	47
	Blue Ultramarine ☆☆☆☆☆ 	PB 29 Na, Al, Silicate	Classic and Traditional shade of Blue, less deep and transparent, with high tinting strength.	48

	Blue Milori ☆☆☆☆☆ 	PB 15:3, PV 23 PR 170 Phthalocyanine, Naphthol Dioxazine	Semi opaque,clear Blue with red tinge.	49
	Blue cobalt ☆☆☆☆☆ 	PB 28, PB 15:3 PW 6, PR 170,PB 29 Spinel(Co,Al), Phthalocyanine, Dioxide Titanium, Naphthol,Na,Al,Silicate	Brilliant opaque,clear Blue with reddish shade.	50
	Blue Prussian ☆☆☆☆☆ 	PB 15:3, PR 170 Phthalocyanine, Naphthol	Deep shade of reddish Blue, with high tinting strength.	51
	Blue Fhthalo ☆☆☆☆☆ 	PB 15:3 Phthalocyanine	Transparent clear and very brilliant Blue.	52
	Blue Cerulium ☆☆☆☆☆ 	PB 15:3,PY 3 PW 6 Phthalocyanine Monoazo, Dioxide Titanium	Opaque, brilliant shade of greenish Blue.	53
	Blue Cobalt Turkish ☆☆☆☆☆ 	PB 15:3,PY 3 PW 6 Phthalocyanine Monoazo, Dioxide Titanium	Brilliant shade of greenish Blue, imitation of Blue Cobalt Turkish.	54
	Ocean Blue ☆☆☆☆☆ 	PB 15:3, PR 170 PW 6 Phthalocyanine, Naphthol, Dioxide Titanium	Opaque, deep shade of Blue, ideal for ocean painting.	55
	Sea Blue ☆☆☆☆☆ 	PB 29, PW 6 Na,Al, Silicate, Dioxide Titanium	Brilliant light Blue, in the shade of Sea, with reddish tinge.	56
	Cyan ☆☆☆☆☆ 	PB 15:3, PW 6 Phthalocyanine, Dioxide Titanium	Primary shade of Blue-Cyan, basic for creating colors.Clear and brilliant.	57
	Sky Blue ☆☆☆☆☆ 	PB 15:3, PW 6 Phthalocyanine, Dioxide Titanium	Light shade of Blue ideal for sky-sea painting, in sunshine.Highly Opaque, and tinting power.	58
	Light Blue ☆☆☆☆☆ 	PB 15:3, PW 6 Phthalocyanine, Dioxide Titanium	Very Light shade of Blue, highly opaque,and tinting strength.	59
	Blue Indygo ☆☆☆☆☆ 	PB 15:3, PR 170 PW 6 Phthalocyanine, Naphthol, Dioxide Titanium	Opaque, deep shade of Blue, ideal for shadows.	60

	Green Fthalo ☆☆☆☆☆ 	PG 7 Phthalocyanine	Fine, transparent bluish shade of Green. High tinting power.	61
	Emerald Green ☆☆☆☆☆ 	PG 7, PW 6 Phthalocyanine Dioxide Titanium	Classic shade of Emerald, clear and brilliant.	62
	Green Cobalt ☆☆☆☆☆ 	PG 50,PW 6 PG 7, PO 34, PY 1/74/42 Spinel (Co,Ni,Ti,Zn,Al) Monoazo,Disazo,Iron Ox.,Diox.Tit.,Phthaloc.	Opaque,brilliant,classic shade of Green Cobalt, with a stronger Tinting possibility.	63
	Green Oxide ☆☆☆☆☆ 	PG 17 Chromium-Iron Oxide	Highly Opaque and Tinting power, on a Traditional shade of Green.	64
	Green Dark ☆☆☆☆☆ 	PG 7, PY 42/3 PW 6,PB 7 Organic Carbon Iron Oxide,Monoazo Phthalocyanine Dioxide Titanium	Deep Green,very strong Color, Ideal for Landscapes, and backgrounds.	65
	Army Green ☆☆☆☆☆ 	PG 7, PY 42/3 PW 6,PB 7 Organic Carbon Iron Oxide,Monoazo Phthalocyanine Dioxide Titanium	Classic shade of Army Green,Highly Opaque, and Tinting strength.	66
	Olive Green ☆☆☆☆☆ 	PG 7, PY 42/3 PW 6,PB 7 Organic Carbon Iron Oxide,Monoazo Phthalocyanine Dioxide Titanium	Opaque, deep Green with Yellow tinge.	67
	Greenish Earth ☆☆☆☆☆ 	PG 52, PW 6 Nanotech Iron Oxides Dioxide Titanium	Earth Green,Ideal for Landscape painting.	68
	Primary Green ☆☆☆☆☆ 	PG 7, PW 6 PY 3, PY 184 Phthalocyanine, Dioxide Titanium, Monoazo,Bismuth	Basic Green of the chromatic Circle, very brilliant,with tinting power.	69
	Light Green ☆☆☆☆☆ 	PG 7, PW 6 PY 3, PY 184 Phthalocyanine, Dioxide Titanium, Monoazo,Bismuth	Lighter than Primary Green, Opaque and brilliant.	70
	Umber Green ☆☆☆☆☆ 	PG 52 Complex of Nanotech Iron Oxides	Deep Green with medium Tinting power.	71
	Umber Burnt ☆☆☆☆☆ 	Complex of Nanotech Iron Oxides	Classic shade of Umber,but more Opaque with higher tinting power.	72

	Umber Burnt Light 	Complex of Nanotech Iron Oxides	Deep shade of Natural Umber, high Light Fastness, and opaque.	73
	Umber Raw 	Complex of Nanotech Iron Oxides	A shade of Brown with medium Tinting power.	74
	Sienna Burnt 	Complex of Nanotech Iron Oxides	Deep Sienna Burnt,with Orange tinge	75
	Sienna Burnt Light 	Complex of Nanotech Iron Oxides	Lighter and more brilliant than Sienna Burnt, the shade of Natural Sienna.	76
	Sienna Raw 	Complex of Nanotech Iron Oxides	Warm Brown with Yellow tinge.	77
	Oxide Brown 	Complex of Nanotech Iron Oxides	Medium shade of Brown,semi opaque	78
	Brown Van Dyke 	Complex of Nanotech Iron Oxides	Deep and transparent shade of Brown, proper for shadows.	79
	Sepia 	Complex of Nanotech Iron Oxides	Transparent shade of greenish Brown.	80
	Black Ivory 	PB 11, PB 7 Organic Carbon, Iron Oxide	Traditional shade of Black.	81
	Black Carbon 	PB 7 Organic Carbon	Very strong and deep Black.	82
	Black Oxide 	PB 11 Iron Oxide	Traditional shade,very dark Grey almost Black, deep and opaque.	83
	Dark Grey 	PB 7, PW 6 Organic Carbon Dioxide Titanium	Modern shade of Dark Grey, Highly opaque.	84

	Grey ☆☆☆☆☆ 	PB 7, PW 6 Organic Carbon Dioxide Titanium	Medium shade of Grey	85
	Light Grey ☆☆☆☆☆ 	PB 7, PW 6 Organic Carbon Dioxide Titanium	Lighter than Grey.	86
	Skin color ☆☆☆☆☆ 	PW 6,PY 154 PO 36 Dioxide Titanium Benzimidazolone Nanotech Iron Oxides	Portrait Colors Warm Basic tone for skin.	87
	Skin Base ☆☆☆☆☆ 	PW 6,PY 154 PO 36 Dioxide Titanium Benzimidazolone Nanotech Iron Oxides	Skin's Basic color, the Primer for Portrait.	88
	Skin Fusion ☆☆☆☆☆ 	PW 6,PY 154 PO 36 Dioxide Titanium Benzimidazolone Nanotech Iron Oxides	The Fusion-Connection between Skin Base and 1st Light, in the Light side of Face-Skin.	89
	Skin Red Fusion ☆☆☆☆☆ 	PW 6,PY 154 PO 36 Dioxide Titanium Benzimidazolone Nanotech Iron Oxides	The Fusion-Connection between Skin Base and 1st Light, in the Shady side of Face-Skin, and also the reddish lasur for Skin.	90
	Skin 1st Light ☆☆☆☆☆ 	PW 6,PY 154 PO 36 Dioxide Titanium Benzimidazolone Nanotech Iron Oxides	The first-basic Light of Face-Skin.	91
	Skin 2nd Light ☆☆☆☆☆ 	PW 6,PY 154 PO 36 Dioxide Titanium Benzimidazolone Nanotech Iron Oxides	Secondary Light after the First Light.	92
	Skin 3d Light ☆☆☆☆☆ 	PW 6,PY 154 PO 36 Dioxide Titanium Benzimidazolone Nanotech Iron Oxides	Third Light after the Second, for the lighter areas of Skin-Face.	93
	Skin 1st Shadow ☆☆☆☆☆ 	PW 6,PY 154 PO 36 Dioxide Titanium Benzimidazolone Nanotech Iron Oxides	Soft Shadow for Skin-Faces.	94
	Skin 2nd Shadow ☆☆☆☆☆ 	PW 6,PY 154 PO 36 Dioxide Titanium Benzimidazolone Nanotech Iron Oxides	Deeper Shadow.	95
	Hair Base ☆☆☆☆☆ 	PW 6,PY 154 PO 36 Dioxide Titanium Benzimidazolone Nanotech Iron Oxides	The basic color for Dark and medium shade Hair.	96

	Hair 1st Light ☆☆☆☆☆■	PW 6,PY 154 PO 36 Dioxide Titanium Benzimidazolone Nanotech Iron Oxides	First Light for starting to create volume, in Hair.	97
	Hair 2nd Light ☆☆☆☆☆■	PW 6,PY 154 PO 36 Dioxide Titanium Benzimidazolone Nanotech Iron Oxides	Secondary Light for Hair.	98
	Hair 3d Light ☆☆☆☆☆■	PW 6,PY 154 PO 36 Dioxide Titanium Benzimidazolone Nanotech Iron Oxides	Third Light for the most Shiny areas.	99
	Hair Shadow ☆☆☆☆☆■	PW 6,PY 154 PO 36 Dioxide Titanium Benzimidazolone Nanotech Iron Oxides	Shadow for Hair.	100



Vakouftsis Art Enterprises

*Painting
Materials*

