



**USING THIS COLOR CHART AND WHAT IT TELLS YOU**

All pigments bring different characteristics to the ink!, and this color chart is designed to help you choose colors based upon their unique pigment 'personality.' Some pigments tend to be brighter, some more opaque, and some stain the surface. All of these characteristics add to the creative experience and can be used to enhance the image. If you know what to look for, these characteristics can be 'read' from this ink! Color Chart.

**COLOR CHARACTERISTICS:** First, check out the 'masstone' and the 'undertone' of each color chip. The masstone is where the color is applied thickly, at its most opaque. The undertone is where the color is spread more thinly and transparent. Some characteristics will show up in the undertone that aren't readily apparent in the masstone.

**OPACITY:** Look for relative opacity and transparency. Each color on the chart is noted with an 'O' (for opaque), a 'TL' (for translucent or semi-opaque), or a 'TP' (for

transparent). Some pigments are rock-solid (like the cadmiums) and allow little or no light to pass through. These make a naturally opaque color. Some are like stained glass (like the phthalocyanines) and take on a gleaming, jewel-like quality.

**PERMANENCE:** The permanence is listed using categories designated by the American Society for Testing and Materials (ASTM) subcommittee for artists' materials. Lightfastness is rated by using categories I, II, and III. Both I and II can be considered permanent for artists use.

**SINGLE OR MIXED PIGMENT:** Single pigment colors (noted with an 'S' on the chart) are formulated to help you maximize the true and unique character of the color. Single pigment colors also tend to give brighter, cleaner mixes than mixed pigment colors. Mixed pigment colors (noted with an 'M' on the chart) are formulated to give you 'ready-mixed' colors with a brightness that can be difficult to obtain on your own.

*This color chart is produced within the limitations of lithographic printing and is intended as a guide only.*

**PIGMENT DETAILS:** The Composition and Permanence chart to the right includes precise pigment information. In addition to listing common pigment names, the color index number is provided for more specific identification.

**THE PROFESSIONAL COLOR RANGES**



**SB SOFT BODY**

A professional quality, highly pigmented acrylic formulated for smooth, even flow.

**HB HEAVY BODY**

A professional quality, highly pigmented acrylic formulated for easy brushability and for thicker applications.



**SHB SUPER HEAVY BODY**

A professional quality, highly pigmented acrylic formulated for very thick, high-peak application with exceptionally low shrinkage.



**liquitex ink!**  
PROFESSIONAL ACRYLIC



30ML

150ML



**COMPOSITION AND PERMANENCE CHART**

COLOR #	COLOR NAME	LIGHTFASTNESS "I"	SINGLE OR MIXED PIGMENTS	OPACITY	PIGMENTS
159	Cadmium Yellow Light Hue	I	S	TL	Quinophthalone Yellow (PY 138)
337	Carbon Black	I	S	O	Carbon Black (PBK 7)
470	Cerulean Blue Hue	I	M	O	Titanium Dioxide (PW 6), Phthalocyanine Blue (PB 15:3), Chlorinated Copper Phthalocyanine (PG 7)
115	Deep Violet	II	M	TL	Quinacridone Magenta (PR 122), Carbazole Dioxazine (PV 23 RS)
186	Dioxazine Purple	II	S	TP	Carbazole Dioxazine (PV 23 RS)
234	Iridescent Bright Gold	I	M	O	Mica coated with iron oxide and titanium dioxide
236	Iridescent Bright Silver	I	M	O	Mica coated with iron oxide and titanium dioxide
229	Iridescent Rich Bronze	I	M	O	Mica coated with iron oxide and titanium dioxide
230	Iridescent Rich Copper	I	M	O	Mica coated with iron oxide and titanium dioxide
292	Naphthol Crimson	II	S	TP	Naphthol Carbazole (PR 170 F5RK)
599	Neutral Grey Value 5	I	M	O	Titanium Dioxide (PW 6), Carbon Black (PBK 7)
317	Phthalocyanine Green (Blue Shade)	I	S	TP	Chlorinated Copper Phthalocyanine (PG 7)
316	Phthalocyanine Blue (Green Shade)	I	S	TP	Phthalocyanine Blue (PB 15:3)
319	Phthalocyanine Green (Yellow Shade)	I	S	TP	Chlorinated and Brominated Copper Phthalocyanine (PG 36)
320	Prussian Blue Hue	I	M	TL	Phthalocyanine Blue (PB 15:3), Carbazole Dioxazine (PV 23 RS), Carbon Black (PBK 7)
321	Pyrrrole Red	NR	S	O	Pyrrrole Red (PR 254)
114	Quinacridone Magenta	I	S	TP	Quinacridone Magenta (PR 122)
335	Red Oxide	I	S	O	Synthetic Iron Oxide Red (PR 101)
315	Sap Green Permanent	I	M	TL	Chlorinated Copper Phthalocyanine (PG 7), Diarylide Yellow HR70 (PY 83), Carbon Black (PBK 7)
432	Titanium White	I	S	O	Titanium Dioxide (PW 6)
129	Transparent Burnt Sienna	I	S	TP	Synthetic Iron Oxide Red (PR 101)
130	Transparent Burnt Umber	I	M	TP	Synthetic Iron Oxide Red (PR 101), Carbon Black (PBK 7)
332	Transparent Raw Sienna	I	S	TP	Synthetic Iron Oxide Yellow (PY 42)
333	Transparent Raw Umber	I	M	TP	Synthetic Iron Oxide Yellow (PY 42), Synthetic Iron Oxide Red (PR 101), Carbon Black (PBK 7)
561	Turquoise Deep	I	M	TL	Phthalocyanine Blue (PB 15:3), Chlorinated Copper Phthalocyanine (PG 7)
740	Vivid Lime Green	I	M	O	Quinophthalone Yellow (PY 138), Chlorinated Copper Phthalocyanine (PG 7)
620	Vivid Red Orange	I	S	TP	Naphthol AS (PR 188)
412	Yellow Medium Azo	I	S	TP	Arylide Yellow 5GX (PY 74 LF)
414	Yellow Orange Azo	I	S	TP	Diarylide Yellow HR70 (PY 83)
416	Yellow Oxide	I	S	O	Synthetic Iron Oxide Yellow (PY 42)

NR - Colors not rated for ASTM lightfastness. Internal testing indicates this pigment to be equivalent to ASTM I and II. Some composition and pigment information may change based upon availability or improvements to the range.