COLOR LINE

PAINTS & PENS

Lab Notes:
Exploring Shades with Mix White

Introduction to Color Line Mix White

Color Line Paints & Pens offer the maximum of colour mixes you can imagine. All colours mix freely, meaning you will not have unexpected reactions between specific colours as you might have with some other glass enamels.
In many cases, the result of a two colour mix can literally be guessed, but there are also some surprises to reckon with, and some shades are really hard to obtain.

We encourage the user to experiment with small amounts of paint and take note of the volumes or weights you mix and to always document the fired result. If not, it is hard to back track what the ingredients were.

In our studio, we have run tests with the 18 ORIGINALS and also a few of colours from the 2014 Series, mixed with different ratios of the Mix White 129. We chose the Mix White instead of the normal white 128, because its properties are better suited for brightening a colour and also on account of its lower cost. In this test we started out with the pure colour and kept adding Mix White at different ratios. The shades we obtained got lighter and lighter – as you would expect – but not to the extent we had anticipated. To get really pale shades of a specific colour – and this was especially true for the darker shades – we had to add a lot of the Mix White. In this booklet we show the results we had from the pure colour alone with no Mix White to the lightest shade with only 14% of colour (1/6 of weight) plus 86% of Mix White (5/6 of weight).

We found that the brightening process evolved in smaller increments than expected and came to the conclusion, that working the opposite way – namely adding colour to Mix White – would be easier to do. However, this is possibly not true for all colours.

The field is wide open to gain experience with colour mixing.
Enjoy it and explore the power of colour in a very personal way !

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Mixing Instructions

The colour charts in this booklet indicate the shades you can achieve by mixing our 18 ORIGINALS as well as some colours from the 2014 Series, with the accessory product "Mix White 129".

We have mixed the colour with Mix White in 5 different ratios as shown in the table below. The number of new shades you obtain is amazing. If you have our 18 ORIGINALS colour set and an extra bottle of Mix White, you can already create over 90 shades, just following our mixing instructions.

Just imagine the range you can have by starting out with your own colour mixes and then brightening these with Mix White.

Product	Mixing Ratio				
Colour Line Paint	50%	33%	25%	20%	14%
Mix White 129	50%	66%	75%	80%	86%
Ratio	1:1	1:2	1:3	1:4	1:6

Color Line Pen - Mixing White
300g / 10.6oz

Color Line Pen - Mixing White
62g / 2.2oz

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Pure Colour	1:1	1:2	1:3	1:4	1:6
111 Aquamarine					
112 Green					
113 Royal Blue					
114 Blue					
115 Egyptian Blue					

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Pure Colour	1:1	1:2	1:3	1:4	1:6
116 Deep Sky Blue					
117 Yellow					
118 Lemon					
119 Black					
120 Brown					

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Pure Colour	1:1	1:2	1:3	1:4	1:6
121 Maroon					
122 Sienna					
123 Mustard					
124 Orange					
125 Carmine					

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Pure Colour	1:1	1:2	1:3	1:4	1:6
126 Coral					
127 Lilac					
001 Moss Green					
011 Red					
034 Midnight Blue					

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