

# "RENEW" APP: OPERATING INSTRUCTIONS

Welcome to the new **FENICE APP** for **color matching**!

Thanks to this APP, it is possible to:

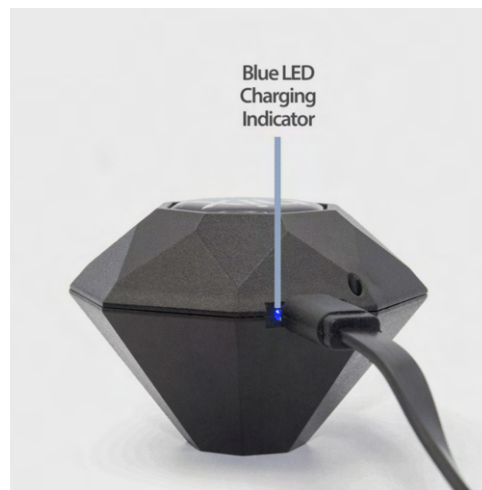
1. determine the formulation of any color;
2. calculate the weight of the base components;
3. make the necessary corrections to the weighed mixes;
4. have complete instructions on how to use FENICE products.

The NIX family consists of two types of instruments, the **NIX MINI** and the **NIX PRO**, both available in version 1 and version 2.



The MINI version offers excellent features at a definitively attractive price, while the PRO version has greater precision and a higher cost. The app works with all four versions of the tool shown in the photo.

A new NIX reader arrives in a Standby state. Therefore, it is necessary to connect it to a USB socket even for a short time to activate it.



First, download the "**Renew**" app from the Apple Store or Google Play:



Open the app:



Press the  button in the bottom center to start reading the color.

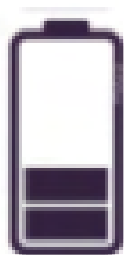




If the NIX device is not connected, this search screen will appear:



Once the reader is connected, this screen will appear, with the reader charge status indicator at the top left.



By pressing the three dots at the top right ... you can select a different instrument or access the web page with **complete instructions** on how to use the app, Fenice products, and view fantastic **instructional videos** to simplify your job.



Place the NIX reader on the color you want to reproduce. The reader must be positioned perpendicularly:



Press the white round button in the lower center to start reading the color to be matched.



The APP selects from the **over 2.000 colors** of the database those closest to the color you are reading:



At the top, you can see the color you just read, below the proposed recipes with the relative color. The device automatically selects the closest match and puts it at the top of the proposed list.



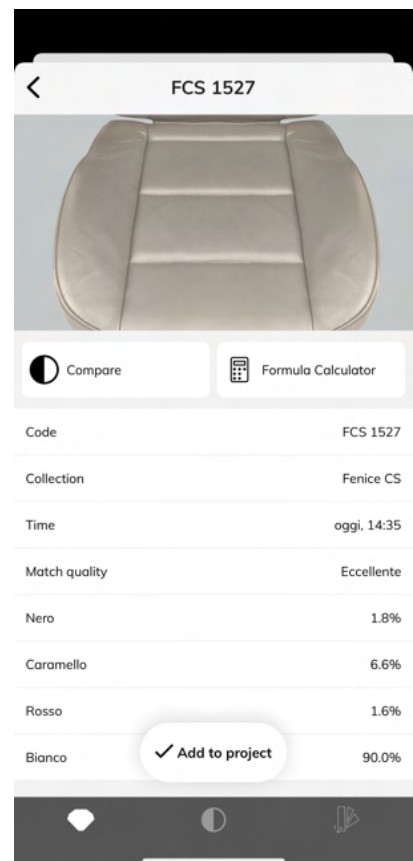
The green dot means that the approximation reached by the suggested recipe is good. Choose the recipe that you think is closest to the color to be matched and click on the name of the recipe.

Then press the three dots next to the name of the recipe ...



This screen shows:

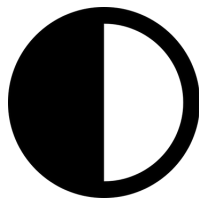
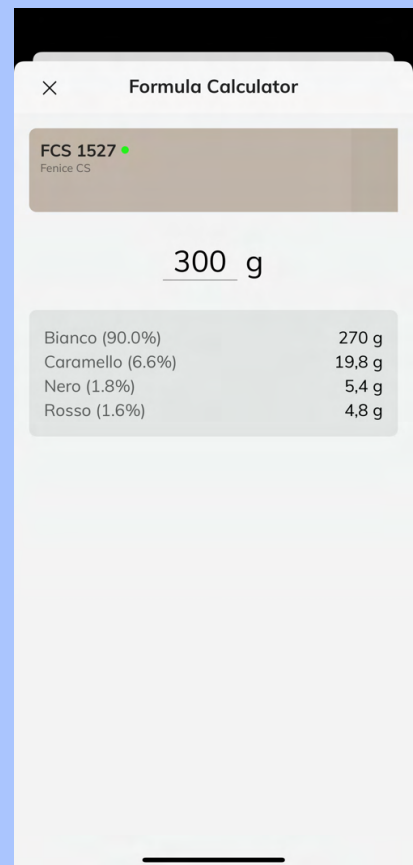
- various objects in the chosen color;
- the selected recipe;
- the accuracy of the match;
- the quantities of each base color (percentage) needed to obtain the target color.



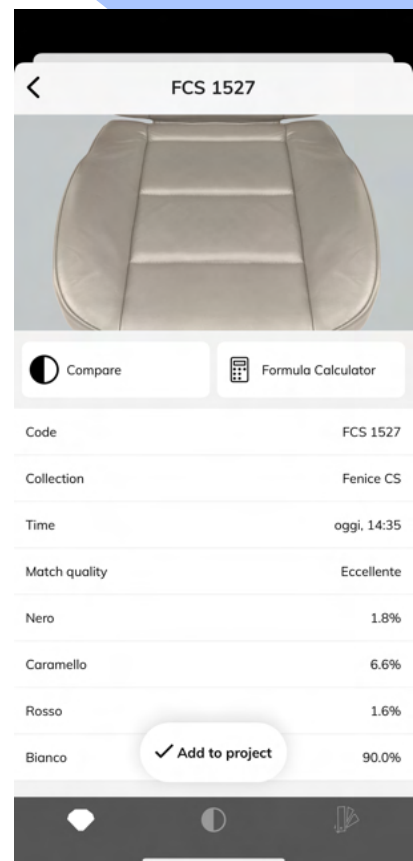
The "Formula Calculator" function allows you to automatically calculate the grams to be weighed of each color based on the quantity of target color you need:



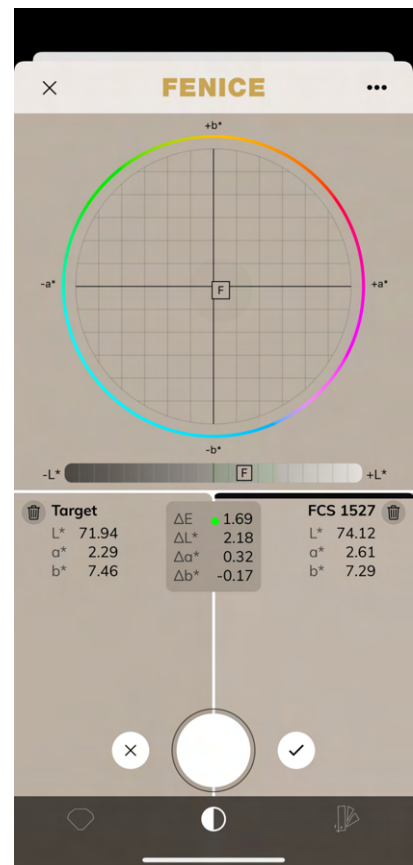
Press the X in the upper left to exit once the color has been weighed.



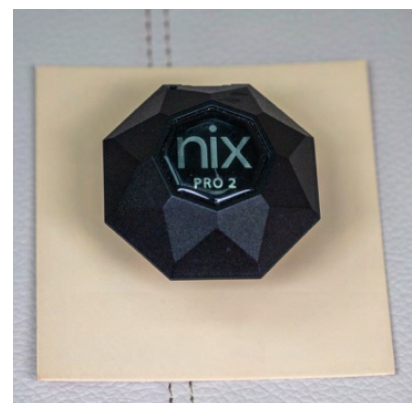
The "Compare" function allows you to get a first idea of the accuracy of the recipe with respect to the target color.



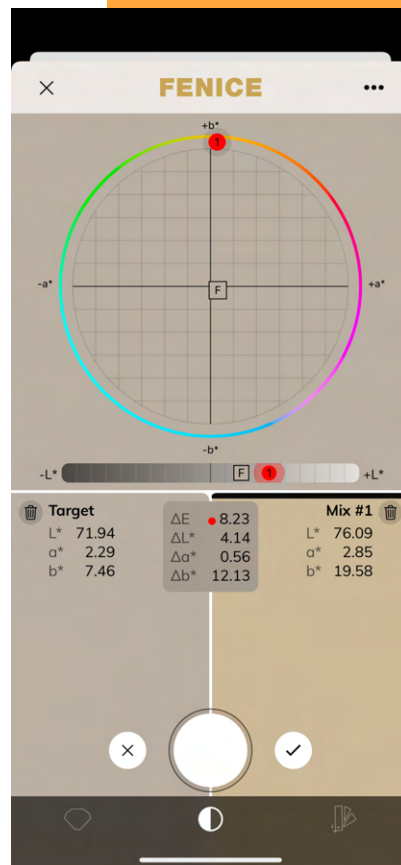
The color we want to achieve is always in the center, while the **F** stands for “Formula” and is the proposed recipe. Here the app suggests that the recipe leads to a slightly more red/violet color (as you can see from the circle) and lighter (as you can see from the **L** bar below). You may want to take this into account when weighing the colors.



Once the color has been weighed, apply it in a hidden area, checking that it is dry (the color tone changes after drying), and place the reader on the color just prepared. In this case, we made an obvious weighing error to demonstrate the use of the correction.



Press the white round button in the center again to do a new reading:

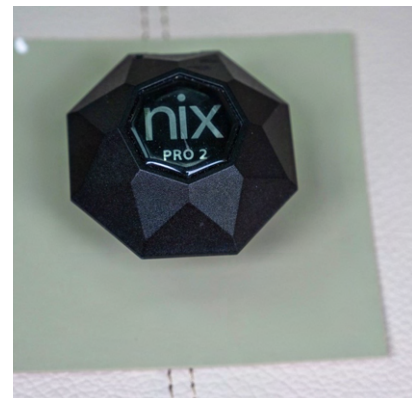


The symbol 1 indicates the location of the first reading.

In this case, it tells us that our color is too yellow and too light. The red color around the number indicates that the color accuracy we have achieved does not conform to the **acceptability standards** ( $\Delta E$  excessive) and must be corrected.

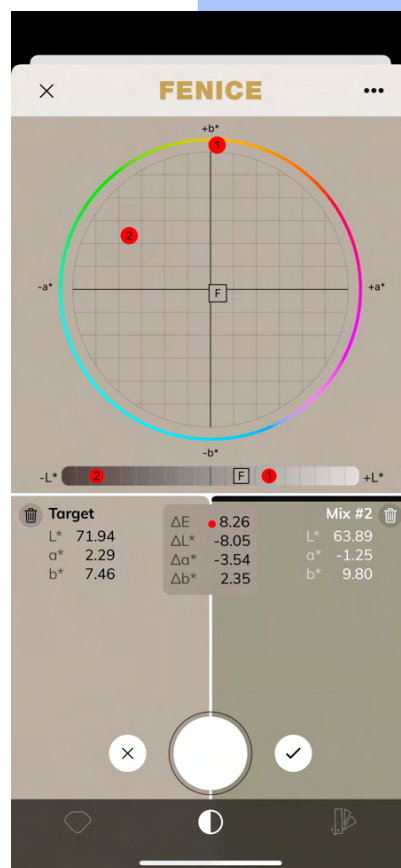
Let's try to make a correction by adding the color that is on the opposite side of the circle. We will again make it wrong for demonstration purposes.

Position the reader again on the obtained color...



....and press the central white button.

The new swatch just read is number 2. As you can see, this time, the swatch is darker and greener than our original color.



Let's make a new correction and this time we get the correct color:



As you can see, this time, reading number 3 is very close to the center and is green, as our color is in the **acceptable range**.

