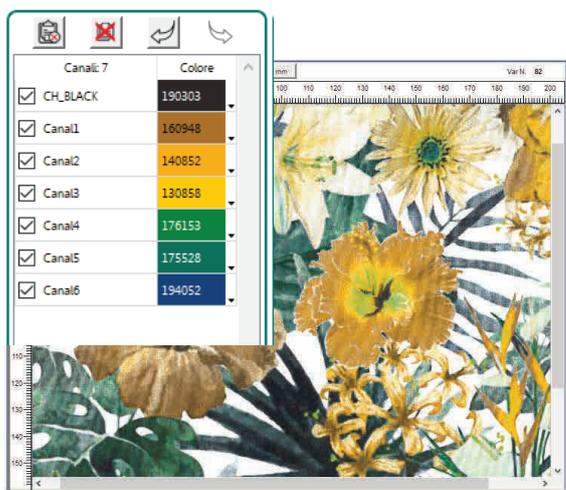


## Software for the Generation of Colorways

ColorInstinct, born more than 20 years ago with the aim of accelerating and eliminating manual sampling, is today a point of reference for many industries worldwide. The quality of the reproduction of colors, the reliability of overlap tones simulated by a spectral formula and, not least, the possibility of simulating engraving defects or production spreads, make ColorInstinct and instrument that not only manages to develop variants of colors, but also reproduce digitally with authenticity compared to traditional printing.



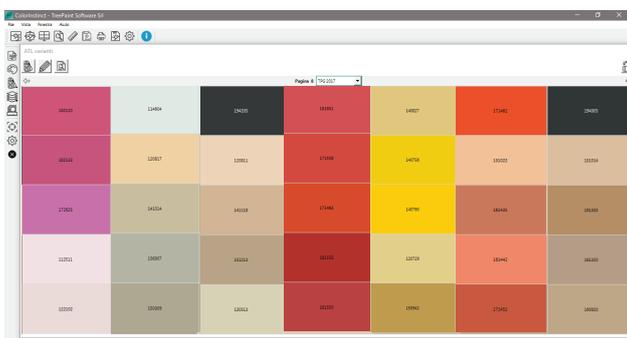
### Channel and Silkscreen List

From separate images in channels (or also PSD) or the assembly of transparencies in black and white it is possible to view, activate or deactivate each one of the channels. The management of these transparencies represents the normal traditional production process. It is possible to reverse the order or manage the behavior of special colors, for example, white. The assembly of the transparencies also foresees the addition and management of the background, which will then be considered in the colorways. In the case of conventional images, the simulation also shows the semitone and the spreading. Whether for a rotatory printing or flat or localized, it is possible to verify and manage the pressure and viscosity.

### Generation of Random ColorWays

The fresh and intuitive interface allows an easy interaction between image and folder colors. Colors can be selected and entered through a manual selection, with the assignment of a folder code, for example, Pantone, or read directly with a spectrophotometer.

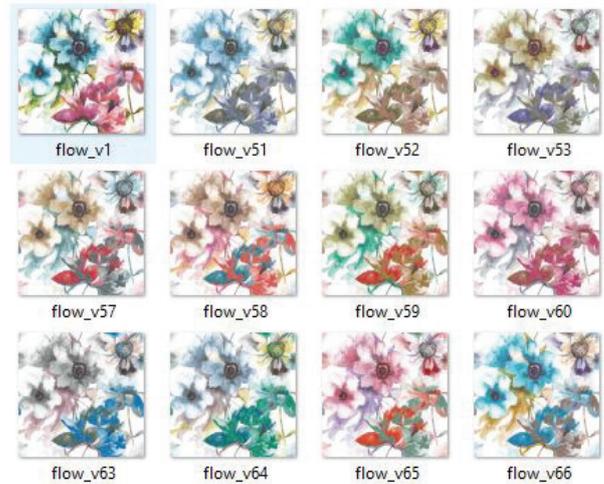
Each image file (also PSD) can be associated with up to 500 colorways. These can be created manually or automatically; it is enough to declare a colorway type and a base color folder.



ColorInstinct develops endless ideas; the user can control and choose the interesting variants by adding them to the list itself. A series of utilities join the management of this colorway, from the change tone to the colorway copy or change coverage. It is also possible to import colorways of other images to manage the coordinates.

### Save JPG Icon

Born to facilitate communication through internet and to feed the images database in the companies, this function allows to automatically create background images of reduced dimensions in JPG format. The resolution reduction also protects for the disclosure in case of sending or posting on the internet.



### Print Colorways and Layout

In addition to a colorimetrically correct result, it is possible to select different technical-commercial information: from the business logo to the color references, and from the nomenclature of the fabric to the production recipe. For more commercial presentations, there is an outline module that allows the creation of a layout with different images, texts and photos.

### Assembly of Overlaps / Sampling

Loading the files in TIFF or SCN it is possible to assemble the different separations in sequence. During this assembly, in the case of B/W images, it is possible to apply some functions for the simulation of engraving defects, point losses, spreads or overlay tones. The sum of this controls, combined with a correct color reproduction, allows to use this function as a real sampling table that reproduces with great authenticity the result obtained in traditional printing. It is optimal to evaluate and visualize the result before proceeding with the incision.