



CHT

SMART CHEMISTRY
WITH CHARACTER.

02/2026

ColorFinder 2.0

brief instruction

ABOUT THE COLORFINDER 2.0

The ColorFinder of the CHT Group is an innovative and free online color recipe program which is exclusively available for registered myCHT users. The application can be used for two printing methods – **continuous pigment printing** and **screen printing (T-shirt printing)**.

In the ColorFinder pigment printing inks can be formulated which refer to the known color catalogue Pantone®, HKS as well as RAL. Moreover, recipes based on L*, a* and b* values or RGB values can be created.

The printing recipe is calculated online and directly displayed. The recipe is based on daylight (D65). The metamerism of the calculated recipe is optimised in accordance with department store light (F11) and evening light (A) in comparison with the original color.

In addition, each recipe is saved with the important general information as pdf file within the “My recipes” section. Here the user has permanent access to all created formulations. Moreover, recipes can be sent to multiple email recipients while creating the recipes.

Recipes are generally given in g/kg. If an individual quantity is entered, the recipe will be additionally calculated for this special quantity.

1. CHOOSE ALLOVER PRINTING OR SCREEN PRINTING

First choose between Allover Printing and Screen Printing Wizard.

The screenshot shows the ColorFinder 2.0 web application interface. At the top left is the CHT logo with the tagline "SMART CHEMISTRY WITH CHARACTER." To the right of the logo are links for "Dashboard" and "Logout". Below the logo is a search bar with the placeholder text "Enter search term..." and a "Language" dropdown menu. The main header features a large image of various colored pigments in wooden bowls, with a red banner on the right that reads "ColorFinder 2.0 UPDATED AND EVEN BETTER". Below the header are four navigation tabs: "TEXTILE SOLUTIONS", "INDUSTRIAL SOLUTIONS", "FUNCTIONAL CHEMICALS", and "ABOUT CHT & MORE". The main content area is titled "ColorFinder" and contains six cards: "Wizard Allover printing", "Wizard Screen Printing", "My recipes", "About the ColorFinder", "About the printing processes", and "Promotion and Media". On the right side, there is a sidebar for the user "myCHT" (Andjelka Savanovic | 06.02.2026 12:52:10) with a "Dashboard" link and a list of menu items including "My personal data", "My password", "Delete account", "eShop", "ColorFinder" (with sub-items for Wizard Allover printing, Wizard Screen Printing, My recipes, About the ColorFinder, About the printing processes, Promotion and Media), "Document Search", "SDS Search", and "Logout".

2. PRINTING METHOD

Then, choose the range of pigments and printing process you prefer.



1 Range & Printing process **2** Selection of catalogue

Range & Printing process

Please choose your range of pigments

BEZAPRINT for screen printing

Please choose your printing process

Please select

- Please select
- Opaque printing | On dyed fabric (LAC paste)
- Opaque printing | On dyed fabric (700 pastes)
- Opaque printing | On dyed fabric (White pre-print and coloured over-print)**
- Direct printing | On white fabric
- Transfer printing | with TRANSPARENT AF
- Transfer printing | with TRANSPARENT PRO



1 Range & Printing process **2** Selection of catalogue

Range & Printing process

Please choose your range of pigments

BEZAPRINT CC for C2C Ecoprint

Please choose your printing process

Please select

- Please select
- Opaque printing C2C Ecoprint | On dyed fabric**
- Direct printing C2C Ecoprint | On white fabric

3. CATALOGUE

The next step is to select the color catalogue definitions for the desired colors you want: HKS, Pantone, RAL, Lab* or RGB Values.



1 Range & Printing process **2** Selection of catalogue **3** Color selection **4** Pigment selection **5** Summary

Selection of catalogue

Pantone C

Please select

HKS N

Pantone C

Pantone TCX

Pantone TPG

Pantone U

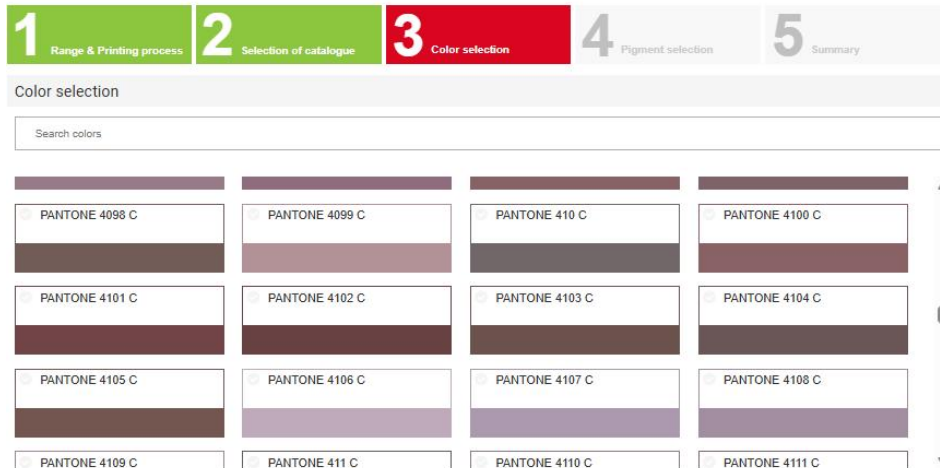
RAL

Lab*

sRGB

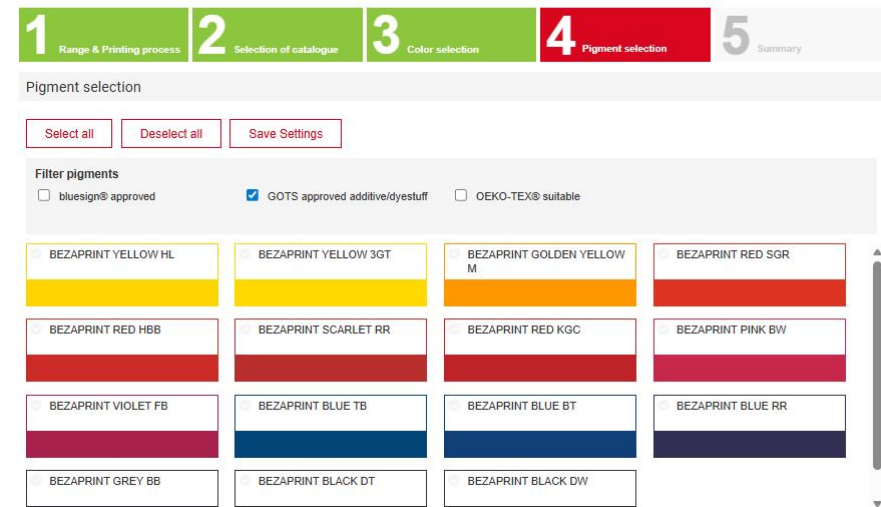
4. COLOR SELECTION

Now select the desire color tone in the catalogue.



5. PIGMENTS

Combine your individual pigment selection and save your pigment settings for future calculations.



6. SUSTAINABILITY

Use the **sustainability filter** to get approved pigments:
bluesign® approved, GOTS approved additive/dyestuff, Oeko-Tex suitable

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7. RESULT

The ColorFinder 2.0 now combines the best recipe from several possible combinations. Below, you will find a PDF file.

	Concentration (g/kg)	Pigments for 4000 g of paste (g)
BEZAPRINT YELLOW 3GT	0.50	2.00
BEZAPRINT SCARLET RR	6.82	27.28
BEZAPRINT PINK BW	7.00	28.00
BEZAPRINT GREEN BS	3.97	15.88

dE CMC 2:1		
dE(D65)	0.1	■
dE(F11)	1.1	■
dE(A)	0.5	■

8. MY RECIPES

The recipes are stored online and can be accessed at any time via the dashboard of your profile.



My recipes

An overview of your recipes

The status shows whether your pre-settings led to a possible recipe (green symbol). If the symbol is red, your pre-settings will be shown again in the pdf file.

Search your recipes

⚙	Date	Presettings	Color selection Info	Status	PDF
<input type="checkbox"/>	06.02.2026 13:50:38	<ul style="list-style-type: none">• Screen Printing• BEZAPRINT for screen printing• Opaque printing On dyed fabric (White pre-print and coloured over-print)• Pantone C	 PANTONE 4101 C Spring Collection #3		
<input type="checkbox"/>	06.02.2026 13:49:30	<ul style="list-style-type: none">• Screen Printing• BEZAPRINT for screen printing• Opaque printing On dyed fabric (White pre-print and coloured over-print)• Pantone C	 PANTONE 4101 C Spring Collection #3		

START NOW!



www.colorfinder.cht.com