



LEARN & CREATE

with Baby Lock



Palette 11 - Photo Stitch 1

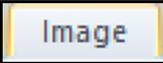
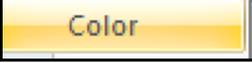
The photo stitch wizards in Palette are unique in their ability to create artistic renderings of your precious photos in thread. Learn how to use the Photo Stitch 1 wizard to create embroidered photos in full color. If you would also like to know more about the Masks and cropping in the Palette 11 wizards, you might also want to watch Palette 11 – Masks and Cropping.

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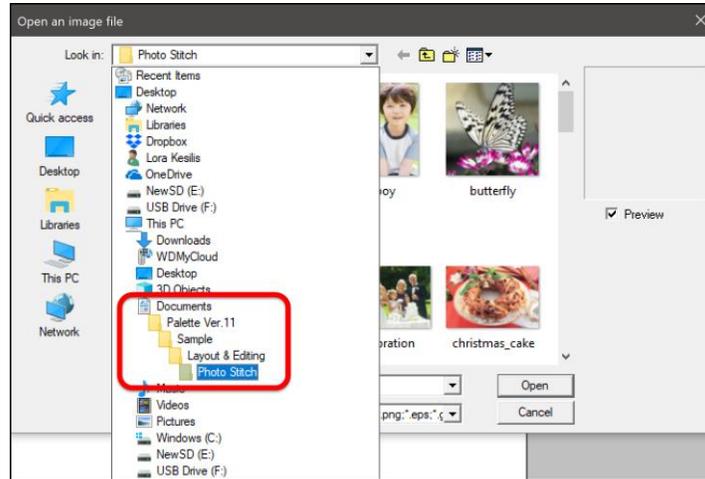
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Photo 1 Color Wizard

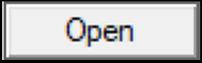
Photo Stitch 1 images are thread painted designs with stitches that follow the shape of the images instead of stitching in lines.

1. Left click **New**  on the Quick Access tool bar to open a new design page
2. Left click the **Image** 
3. Left click **Photo Stitch 1** 
4. Left click to select **Color**  in the Photo Stitch 1 menu
5. Locate the folder with the photos included in Palette 11
 - Documents/Palette Ver. 11/Sample/Layout & Editing/Photo Stitch



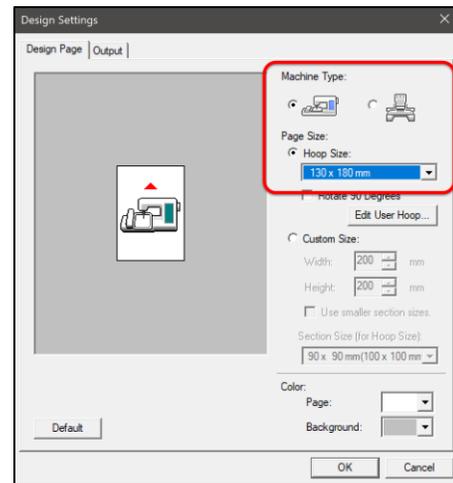


6. Select the picture called shh_gesture
 - Documents/Palette Ver.11/Sample/Layout & Editing/Photo Stitch/shh_gesture

7. Left click **Open** 
 - The Select Mask screen opens

8. Left click **Next** 
 - Left click **Design Settings** 

9. Left click **Design Settings**
 - Select the type of embroidery machine
 - Select the 5" x 7" (130mm x 180mm) embroidery hoop
 - Left click **OK** 

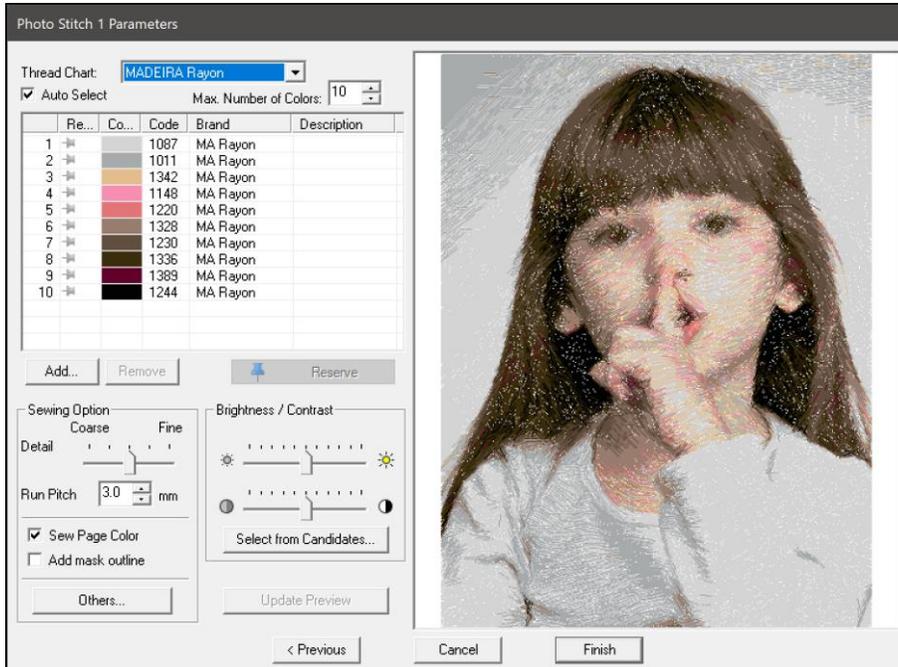


10. Left click **Fit to Page** 
 - The Photo is resized to fit the selected Design Page

11. Left click **Next** 



- A preview of the embroidery is displayed

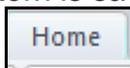


12. Left click **Finish**



13. And the embroidery pattern is saved to Layout and Editing

14. Return to the Home tab



to save the design and Send it to the embroidery machine.

Edit the Stitching

There are editing options in the wizard that can give you even better results.

1. Left click **New**  on the Quick Access tool bar to open a new design page

2. Left click the **Image** tab



3. Left click **Photo Stitch 1**



4. Left click to select **Color**



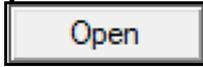
5. Locate the folder with the photos included in Palette 11

- Documents/Palette Ver. 11/Sample/Layout & Editing/Photo Stitch





6. Select the picture called ladybird
 - Documents/Palette Ver.11/Sample/Layout & Editing/Photo Stitch/ladybird



7. Left click **Open**
 - The Select Mask screen opens



8. Left click **Next**
9. The Check Mask/Modify Image screen opens



10. Left click **Design Settings**
 - Select the type of embroidery machine
 - Select the 8" x 8" (200mm x 200mm) embroidery hoop



11. Left click **OK**

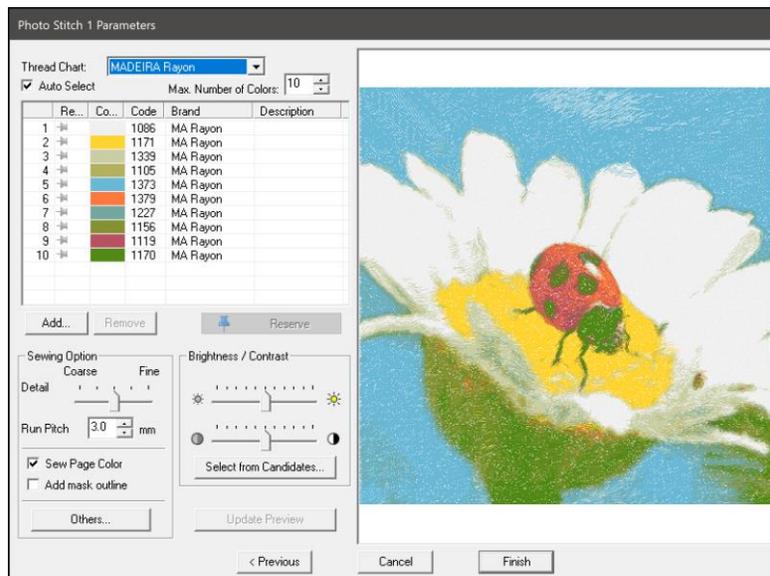


12. Left click **Fit to Page**
 - The Photo is resized to fit the selected Design Page



13. Left click **Next**

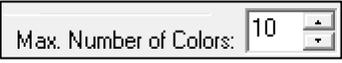
14. The Photo Stitch Parameters screen opens and a preview of the embroidery is displayed



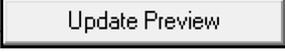
15. The editing controls on the left side of the box allow you to control the look of the embroidery

How Many Colors?

The Color Option controls allow you to control the colors that will be used in your photo embroidery design

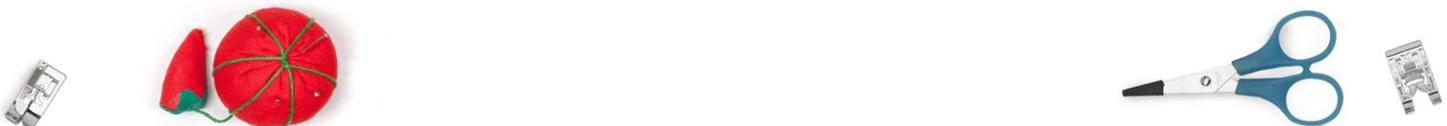
1. The Thread Chart window  at the upper left of the Parameters screen allows you to select what brand of thread will be used in selecting the colors for the embroidery.
 - Open the window and select the thread chart you would like to use.
2. Left click **Update Preview**  to apply the change.
 - The colors in the preview change to reflect the colors available in the selected thread chart
3. Max. Number of Colors  controls how many different colors will be used in the embroidery design
 - The default is to use 10 colors.

Is there a way to know how many colors to use in your photo stitch embroidery design?

1. You can get a rough guess of the minimum number of colors you will need.
 - Look at your photo and count the number of major color areas in the image.
 - On this picture there are five major color areas
 - The blue sky
 - The white daisy petals
 - The yellow flower center
 - The green on the flower stem
 - And the red of the lady bug
2. Use at least 3 thread colors for each major color area
 - This image needs at least 15 colors
 - 5 areas times 3 colors equals 15 colors
3. Increase the number of colors to 15
4. Left click **Update Preview**  to apply the change.

Sewing Options

The controls in the Sewing Options in the lower left corner will determine how the photo design is digitized.





1. Detail allows you to adjust the amount of detail used in creating the embroidered image

- Move the slide toward Fine to pick up more detail
- Move the slide toward Coarse to pick up less detail

2. After moving the slide to the desired setting, left

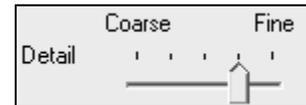
click **Update Preview**



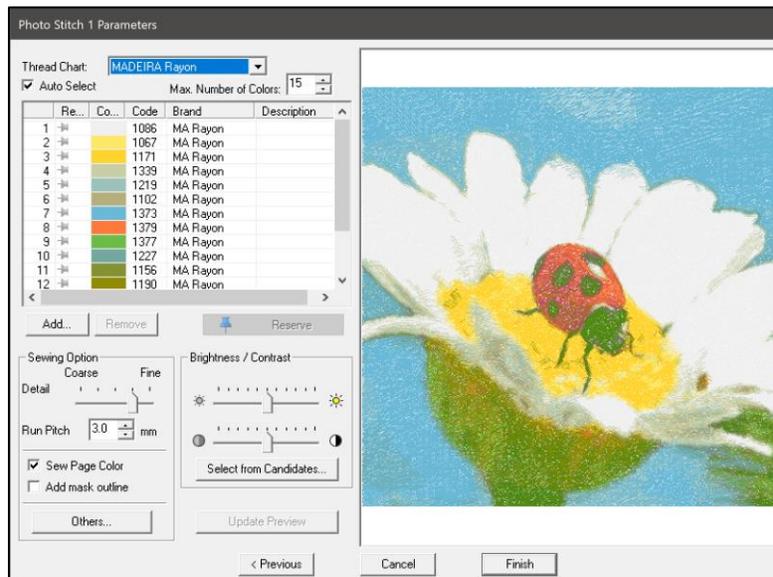
- The stitching will be refigured based on the new setting only after the Update Preview button has been selected.
- Fine settings will create higher stitch counts and more detail
- Coarse settings will create lower stitch counts and less detail



3. Move the slide one notch to the right (toward Fine) and left click Update Preview

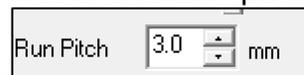


- Adding more stitches to pick up some fine detail gives a better look to the flower petals in this image



The stitch length used to sew the photo can be selected.

1. Run Pitch



is a commercial term for stitch length.



2. Using a longer stitch length will reduce the stitch count on your embroidery and may also create less detail in the image.
3. Using a shorter stitch length will increase the stitch count on your embroidery design, but It may also give you more detail.
4. Change the stitch length to



5. Left click on **Update Preview**



- The stitch length will not be changed until you left click Update Preview



Page Color & Mask Outline

It is important to understand how the page color you select can change the way the stitches are digitized on your Photo stitch.

1. The page color is whatever color you have chosen in Design Settings
2. The sample is currently on a white design page

To change the page color:

1. Left click **Previous**



2. Left click **Design Settings**

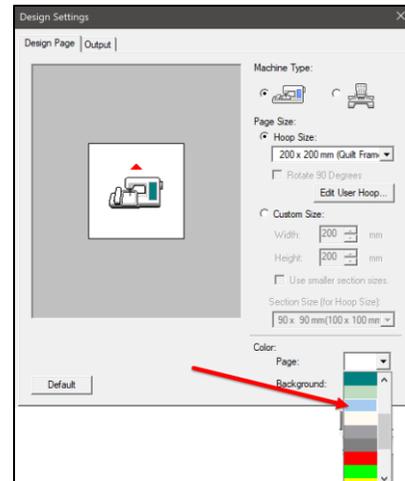


3. Open the Page box in the lower right corner
4. Scroll down and select the sky blue to be used as the background color of the design page

5. Left click **Next**



to return to the Photo Stitch 1 Parameters screen



If there is a checkmark in the Sew Page Color box Sew Page Color, then blue stitches will be created for the blue areas of the image.



1. Left click to remove the checkmark from the Sew Page Color box



2. Left click on **Update Preview**



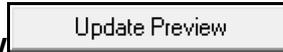
- Now there are no light blue stitches in the sky
- The blue fabric fills in the color of those areas

3. If you preferred the look with the blue stitches:

- Left click to place a checkmark back in the box for Sew Page Color

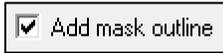


- Left click **Update Preview**

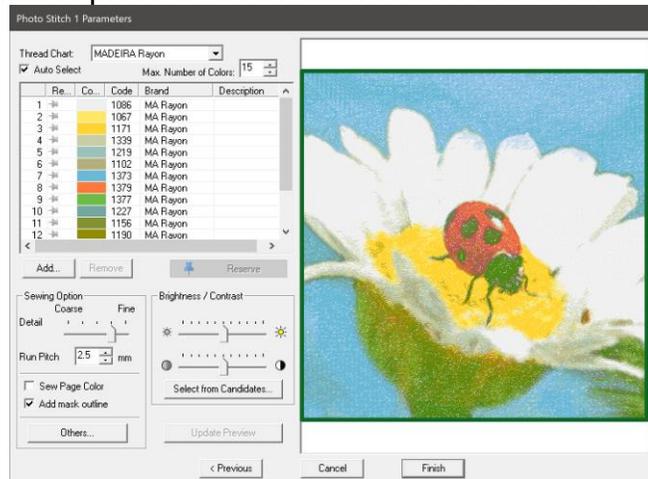


Add Mask Outline Add mask outline is used to add a satin stitched outline around the embroidery

1. If an outline is desired, left click to place a check mark in the Add mask outline box



- A border is added to the preview image
- The color of the border can be changed after the embroidery is saved to the design page in Layout and Editing



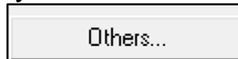
2. If no outline is desired, leave the Add mask outline box empty



Other Settings

Others opens up additional controls to allow you to get the look you want.

1. Left click **Others**
2. A small box opens with two additional types of editing controls

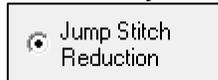




Conversion Priority allows you to select how the stitching path for your image will be planned.

1. **Stitch Quality** **Stitch Quality** should be selected if you want the highest possible stitch quality in your photo embroidery design.

- This may give you more jump stitches that will need to be trimmed
- Those extra jumps avoid lines of stitching that could show through the colors that follow
- The default is **Stitch Quality** for the best possible image



2. **Jump Stitch Reduction** **Jump Stitch Reduction** should be selected if you want the fastest, most efficient stitching.

- Jump stitches will be minimized, but the quality of the image may be affected.
- Jumps will be replaced by lines of running stitches whenever possible

Image Type controls whether adjacent colors in your design will be blended or traced as separate color areas.

1. **Photo** **Photo** is the default and will blend the colors in your design.

- The red of the ladybug and the greens in the flower stem are blended to look as much as possible like the original photo



3. Left click to select **Cartoon** **Cartoon**



4. Left click **OK**  to close the Others box

5. Left click **Update Preview**



- The preview image is updated
- The colors are separated instead of blended

6. To return to Photo  and the more blended look

- Left click Others 

- Left click to select Photo 

- Left click **OK**  to close the Others box

- Left click **Update Preview**



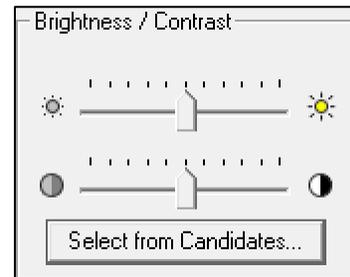
Brightness & Contrast

If desired, you can adjust the Brightness and Contrast of your image for a more polished look

1. Move the Brightness and Contrast slides and then left click **Update Preview**



to see the effect.



Or use Select from Candidates for an easier way to find the best settings

1. Left click **Select from Candidates**



- A preview window opens showing 9 different versions of the pattern with different settings on the Brightness and Contrast

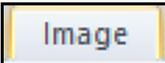
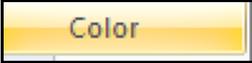
2. There is a black outline around the version in the center and this is the version the wizard recommends.



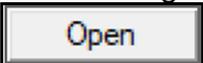
3. Left click on your preferred version to select it
4. Left click OK 
5. Left click Finish 
6. The photo embroidery is placed on the design page and it is ready to be saved and sewn.

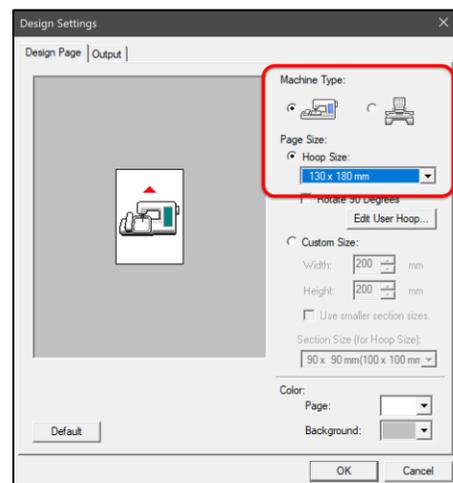
Edit Individual Colors

If you are not satisfied with the colors in your design, the individual colors in the design can be edited.

1. Left click **New**  on the Quick Access tool bar to open a new design page
2. Left click the **Image** tab 
3. Left click **Photo Stitch 1** 
4. Left click to select **Color**  in the Photo Stitch 1 menu
5. Locate the folder with the photos included in Palette 11
 - Documents/Palette Ver. 11/Sample/Layout & Editing/Photo Stitch

6. Select the picture called girl 
 - Documents/Palette Ver.11/Sample/Layout & Editing/Photo Stitch/girl

7. Left click **Open** 
 - The Select Mask screen opens
8. Left click **Next** 
9. Left click **Design Settings** 
 - Select the type of embroidery machine



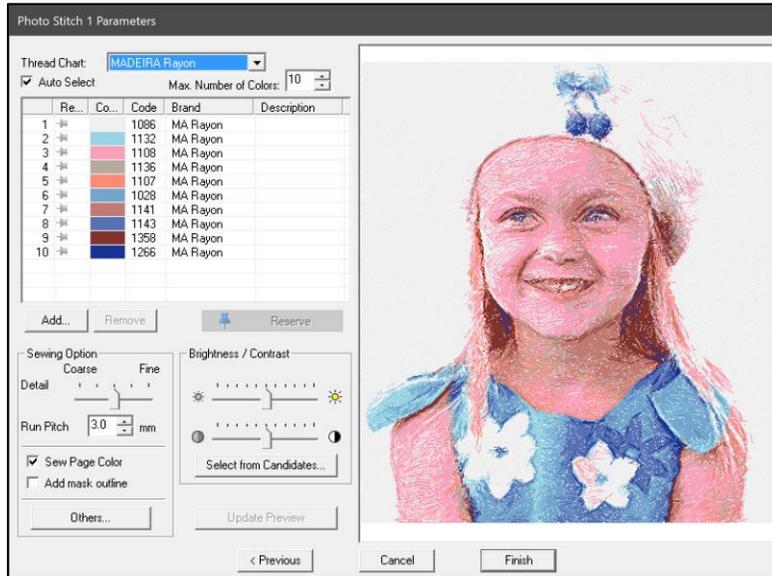
- Select the 5” x 7” (130mm x 180mm) embroidery hoop
- Left click **OK** 

10. Left click **Fit to Page** 

- The Photo is resized to fit the selected Design Page

11. Left click Next 

- A preview of the embroidery is displayed



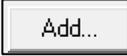
If there is a checkmark in the Auto Select box  at the upper left corner of the Parameters screen, then the wizard will select the colors needed from the Thread Chart that you have selected.

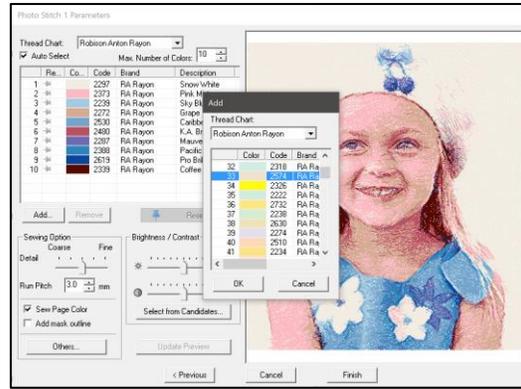
1. Changing the Thread Chart can change the look of the photo
 - Currently the Madeira Rayon chart is selected for the photo above
 - The skin and hair colors are very pink
2. Open the Thread Chart window and select Robison Anton
3. The skin and hair colors are not as pink

Photo embroidery sews the colors from the lightest to the darkest and the colors are displayed in that order.

1. To edit colors, left click to remove the checkmark from the Auto Select box 
2. To add a color:



- Left click **Add** 
- A box opens to display your thread chart
- Scroll down and find the color to be added
- Left click to select the desired color and it is highlighted in blue



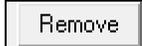
- Left click **OK** 
- The thread chart closes and the new color is added to the color list

- Left click **Update Preview**  to see the effect of your change

3. To remove a Color

- Left click to select the color you want to remove
- The color is highlighted in blue

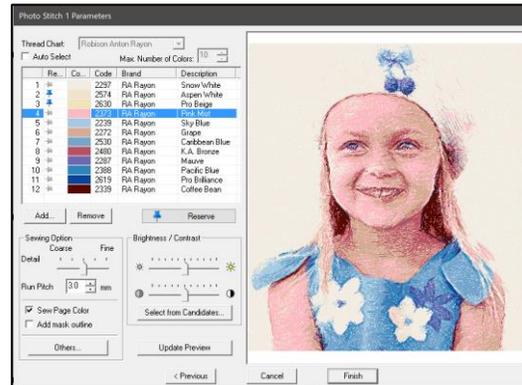
- Left click **Remove**



- Left click **Update Preview**



to see the effect of your change



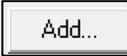
4. To change a color

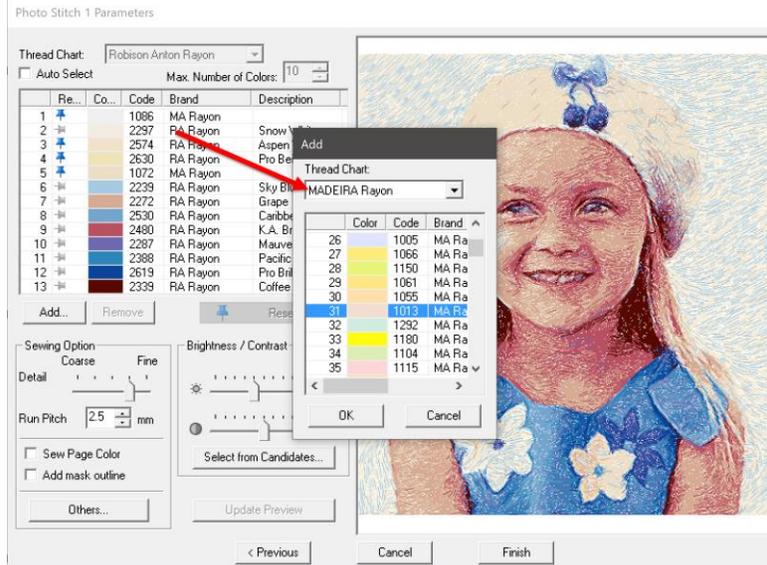
- Do not remove the color that will be replaced until you have found the replacement color
- To change a color, first find the new color and add it to the color list
- The best way to know that the new color is not too dark or too light is to look at where that new color goes into the list.
 - Photo stitch colors are stitched starting with the lightest color and ending with the darkest color
 - If the new color is several spaces above the color that will be removed, then it is too light
 - If the new color is several spaces below the color that will be removed, then it is too dark
 - If your new color is inserted into the list just above or just below the color that will be removed, then the new color is the right intensity



- After the new color has been added to the list, select and remove the color it will replace

5. To add a color from a different thread chart

- Left click **Add** 
- Open the Thread Chart window at the top of the box and select Madeira Rayon



- Scroll down and find the color to be added
- Left click to select the desired color and it is highlighted in blue
- Left click OK 
- The thread chart closes and the new color is added to the color list
- Left click **Update Preview**  to see the effect of your change

The thread used to stitch photos can make a difference in how satisfied you are with the results especially if you are stitching portraits. The skin tones and the shading in the hair can be challenging.

When stitching skin tones, most peach threads are too pink and most beige threads are too brown. There are sets of threads available that are designed to help. You can use these skin and hair thread colors for your photo stitch and also any time you stitch embroidery designs with skin and hair colors needed whether it is cupids for Valentine’s Day or Leprechauns for St. Patrick’s Day.

1. The two sets of Skin Tone threads from Robison Anton are designed to be just right when you are embroidering skin tones



- Each set has eight 1100-yard spools of thread, so you also have the colors needed for shading.
2. There are two sets of skin tone colors
 - The darker tones are in the box at the top of the picture
 - The lighter cones are sitting on the table in front.



3. Skin Tones I is the lighter tones and includes one spool of each of the following colors
 - 2203 Gold
 - 2224 Beige
 - 2232 Ecu
 - 2413 Flesh
 - 2475 Mocha Cream
 - 2568 Perfect Tan
 - 2574 Aspen White
 - 2593 cottage Beige
4. Skin Tones II is the darker tones and includes one spool of each of the following colors
 - 2290 Date
 - 2299 Salmon
 - 2336 Amber Beige
 - 2372 Dark Brown
 - 2489 Wicker
 - 2567 Mushroom
 - 2610 Pro Brown
 - 2629 Pro Walnut



5. The hair collection also includes eight 1100-yard spools of hair colors ranging from black to blonde
6. Hair Tones
 - 2296 Black
 - 2566 Best Brown
 - 2339 Coffee Bean
 - 2570 Golden Tan
 - 2461 Wheat
 - 2729 Mineral
 - 2477 Sand Dune
 - 2731 Gull

