Magic Markers

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Overview

Take any chart and use Magic Markers to add your own personal color combinations.

- Tap a sample of a stitch and Magic Markers will find the rest.
- Or, create a Custom Marker and tap the stitches you want to count, color, or highlight.
- Works for single stitches and wide stitches such as cables.
- It doesn’t matter how the chart was created, even a scan from paper will work. Magic Markers work on any chart in knitCompanion with a one-tap row marker.

Chart without Magic Markers

![Chart without Magic Markers]

Chart with Magic Markers

![Chart with Magic Markers]
Adding a Magic Marker

Magic Markers are used on chart pieces only.

To add a magic marker:

1. Tap **Edit** and select **Magic Markers**.
2. Tap the blue plus sign to add a magic marker to the piece.

3. Select **Magic Marker**.

   A message appears explaining the **Source Stitch**. After reading this message, tap **Thanks** and the message will continue to appear when you tap the blue plus sign. Tap **Don’t Show Again** and this message will no longer appear.

4. Give the Magic Marker a name.
5. Tap the **Source Stitch**. This is the stitch you want to match when applying magic markers.

   For example, if you want to match all SSKs then tap a single SSK stitch cell. If you want to match all k2tog then tap a single k2tog stitch cell.
When selecting the Source Stitch, it may be helpful to zoom in on the piece.

If the stitch is larger than a single cell, such as a cable stitch, drag the left and right edge of the selection until the entire stitch is selected.
6. Tap the **Magic Marker** and wait for the magic to happen. It may take a few moments for all stitches to have the magic markers applied.

   *Tap a stitch and Magic Marker finds the rest!*

7. All stitches that match the Source Stitch will be colored for easy viewing. The Magic Marker will be shown in the list and additional settings for the Magic Marker appear.

8. Tap the Breadcrumb at the top left once all markers have been added to the piece. If needed, you can edit or delete Magic Markers.
Coloring a Magic Marker

Don’t like the color? No worries. Tap the color to select a different color. There are 48 colors from which to choose.

Want to see the chart without the Magic Marker color?
- Tap to turn off **Color?** and the color for that Magic Marker will disappear.
- Tap **Color?** again for the color to reappear.

You even have control over the color’s transparency.
- Transparency defaults to the middle.
- Slide Transparency to the right for maximum transparency.
- Slide Transparency to the left for no transparency.
Search All, Odd, or Even Rows

Specify whether you want to search all rows of the chart when matching your Source Stitch to the other stitches in the chart, just the odd rows, or just the even rows.

Search:

- **All** is the default setting.
- **All**: Looks at all rows of the chart when matching your Source Stitch to the other stitches in the chart.
- **Odd**: Looks only at the odd rows of the chart when matching your Source Stitch to the other stitches in the chart.

Tap **Odd** and then tap the **Magic Marker**.

- **Even**: Looks only at the even rows of the chart when matching your Source Stitch to the other stitches in the chart.

Tap **Even** and then tap the **Magic Marker**.
Counting Stitches

Hate counting long stretches of stitches? Magic Markers to the rescue!

Show Count:

- **No**: Do not count a stretch of stitches.

- **All**: Count a stretch of stitches for me and show the number on every row.
• **Current Row**: Count a stretch of stitches for me and show the number only on the current row

• **Start At**: You decide when to begin counting stretches of 4 stitches or more. Tap to increase or decrease the number of stitches.

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You may count a stretch of stitches without coloring the stitches.

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Matching

Accuracy is important when matching your Source Stitch to the other stitches in the chart. There are two settings you can use to make your matching more accurate.

Magic Markers default to the settings you see above, BW (black/white) and in the middle between more/less. What do these settings mean?
More/Less

The more/less setting determines how exact the match has to be for a stitch to be *found*.

- By default this setting **sits right in the middle**. This is the correct setting most of the time.
- **Less** means that less matches will be found because the matching is more exact. When using Less, stitches you are looking for may not be marked. If you get a result back that is missing stitches then slide this setting towards More.

Slide the setting towards **Less** and then tap the **Magic Marker**.

- **More** means that more matches will be found because the matching is less exact. When using More, extra stitches may be marked. If you get a result back that has extra stitches then slide this setting towards Less.

Slide the setting towards **More** and then tap the **Magic Marker**.

Trimming:

- If the results are missing only a few stitches, then tap the missing stitches to add them to the matched set.
- If the results show extra stitches, then tap the extra stitches to remove them from the matched set.

More/Less is useful:

- If the results are missing a group of stitches at the top, bottom, left, or right edge.
- When the cropping of the chart cannot be or is not perfect.
- When the chart is from a scan or lower quality image.
BW/Color/Gray

The BW/Color/Gray setting determines whether color or shading is used for a stitch to be found.

- **BW** is the default setting.
- **BW** (Black/White) ignores colors and shading when matching your Source Stitch to the other stitches in the chart.
- **Color** views stitches in color and uses color as a factor when matching your Source Stitch to the other stitches in the chart. If the color is the same as the Source Stitch then a match is found.

  Tap **Color** and then tap the **Magic Marker**.

- **Gray** views stitches in shades of gray and uses this as a factor when matching your Source Stitch to the other stitches in the chart. Gray is most useful when a chart uses shades of gray instead of color for meaning. If the shade of gray is the same as the Source Stitch then a match is found.

  Tap **Gray** and then tap the **Magic Marker** to perform a gray scale search.
Adding a Custom Marker

Create a Custom Marker and tap the stitches you want to count, color, or highlight.

*Custom Markers are used on chart pieces only.*

To add a custom marker:

1. Tap **Edit** and select **Magic Markers**.

2. Tap the blue plus sign to add a custom marker to the piece.

3. Select **Custom Marker**.

4. Give the Custom Marker a name.

5. Tap to select the stitches you want to count, color, or highlight.

   *When selecting stitches, it may be helpful to zoom in on the piece.*

6. Once you have selected all the stitches you want to include in the marker, you can choose to count or color the selected stitches.

7. Tap the Breadcrumb at the top left once all markers have been added to the piece. If needed, you can edit or delete Custom Markers.