

If you like a challenge and I think you do???

IF NOT, NO WORRIES.... Your Excel abilities amaze me ALL the time.

I hope I'm not asking too much but then again, I don't have one expectation about this project as you may not want to do this and that's TOTALLY COOL... seriously it is....

I'm writing this all out in an effort to explain as much as possible to help understand what I'm seeking in an end result. I hope this is understandable.

The included spreadsheet that I manually charted into Excel of the RH chart from a new PDF I got today. Then I started to reverse it on a second tab, got dyslexic trying to transpose it into the LH version of the chart but I did it and now you have both to reference. This involves 2 types of stitches and ALWAYS just two colors.

Thus, the need to be able to change to a LH version is EXTREMELY valuable to me... but inputting in RH is easy... Can it the tool

Chart Legend:



- Colors: A & B**
- Stitches Used:** The abbreviations of the two stitch types used
- blsc
 - fldc (the 2 rows below is a given)

Things to consider for written instructions output:

This particular chart uses only ***one color per row*** and alternate as shown on the left and right.

- Row 1 is Color A
- Row 2 is Color B
- Row 3 is Color A etc.

If the crafter chooses to use more than 2 colors, they will change their A & B to their desired colors
But this does not change the chart.

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Then the explanation of the variable number of stitches variables to determine how many stitches to use:

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The main repeat: 28 sts x 19 Rs
Last repeat: 27 sts x 19 Rs
Foundation ch for a project: multiple by 28 (main repeat) + (27 (last repeat) + 6 (3 border sts on each side)
The pattern sample created working foundation ch 145. Cut the yarn, fasten off.

The dark border in the graph is the "28 stitches" per Stitch repeat and 19 rows for one row repeat of the pattern.
The last repeat would be 27 stitches by 19 rows.

The chart shows the extra stitches on either side of the repeat, so that the crafter can make the piece as large as desired using the multiple plus edge stitches.

I'm thinking an input field desired size of the project (These are Afghans: Sizes determined for bedspread for a twin, double, queen, or king size bed or size blanket desired).

Before making a project a **4" Sample Swatch** is made to determine the gauge of the yarn and crochet hook used. X stitches by X rows = 4" square - (or using the information from the band round a skein of yarn).

Example:

INPUT: Swatch (Sample piece) - **x stitches** and **x rows** to always = 4" (4" is the standard sample size)

INPUT: Desired Project size: **x inches** by **x inches**

RESULT:

Per the calculations written in "**To calculate**" below) this field will provide a result of how many stitches to start with by how many rows will be needed # of Foundation stitches by # of Rows

To calculate, the foundation row:

Multiple of 28 stitches + 27 + 6 (the beginning and ending 3 stitches outside of the repeat box.)

Swatch Results: 20 stitches x 30 rows = a 4" square

To make a blanket size 40" square

STITCH CALCULATION:

20 sts x 10 + 27 + 6 = 233 stitches for the foundation (I think, my mind is a little foggy right now)

ROW CALCULATION

The number of rows, the user can determine what they want to do when they get into it and stop where they want but again, the number of rows calculated would be 30 x 10 = 300 rows / or 40"

The actual finished piece would look like this:



As I read this it sounds like something for sharing but honestly, I have a LOT, VERY MANY, of these MOSAIC patterns and have tried them but I get started and my brain says HUH ... and I put it down and don't go back. I LOVE these patterns, I just need a way to be able to properly translate them to Lefty speak.. LOL

Since March, (before COVID) any thought of a pandemic and self-quarantine... I started organizing and manually renaming all of the PDF patterns to a standard format. That said, I have 4,466 patterns cleaned up and (OMG, I just did a search for PDF files yet to be renamed... it says 10,731 left to do). I hope like one section I did yesterday there were 4 different copies of the same PDF and I got to nuke most. <Crossing fingers> Anyway out of the already 4,466 files renamed there are, 84 mosaic patterns, so this is something I really need. LOL... Well its not like I'll live long enough to make all that stuff but I have the patterns if I need them ☺

NO EXPECTATIONS! It's a huge ask and I realize that but it never hurts to ask, the worst that can happen is you say NO WAY and I'm totally expecting a NO WAY.

Thanks for thinking on it though ☺

(Hoping you might embrace this as a true challenge) <SMILE>