

The Random Scatter Hat



Designed by Richard Boxhall

Random Scatter Hat Pattern

Welcome to the world of generative knitting!

This pattern is for a **unique** Scatter Ombre Hat for your needles; the chart is created by a formula-based spreadsheet so it's different everytime! This means each hat you create will have its own distinct, randomized ombre effect, yet the overall structure and fit remain consistent. Think of it as a fingerprint for your headwear – uniquely yours, yet comfortably familiar.

The chart transitions from dark at the bottom to light at the top.

Included in the download is an excel spreadsheet, also available online [here](#). If you do not like the chart generated, just recalculate (F9) and try again! Of course if this is too much, I have also included a scatter chart in the pattern PDF (it just will not be truly unique).

The ladderback jackard technique is recommended if using highly contrasting yarns as there are likely some some long floats to carry at the start and end. There is a extra jackard chart version of the chart included that details the stitches that will be on the needles for the colourwork section. Ladderback jackard is not essential, but really helps the high contrast colours pop.

If you're unsure about Ladderback Jackard, this video is the best I've seen for detailing the technique:

https://youtu.be/iLtuGY_M-ds?si=UxjR_8ctSD7Hff0w

Fit

One Size. Hat is made 50cm circumference, to fit head 52-58cm

Yarn

Hat is made with worsted yarn

A Dark 50m / 55yds / 25g (+ 25m / 29yds / 13g for folded brim)

B Light (50m / 55yds / 25g)

Needles

3.5mm (US 4) circular or double pointed knitting needles

4mm (US 6) circular or double pointed knitting needles

Tapestry needle

Gauge:

21 stitches = 10cm in stockinette stitch

Instructions:

1. Using 3.5mm needles, cast on 108 stitches in dark yarn. Join in the round, being careful not to twist the stitches.
2. Knit ribbing (2k, 2p, repeat) in dark yarn until ribbing measures 5cm (10cm for folded brim)
3. Using 4mm needles, knit a round of stockinette stitch, placing marker at **0**, **27**, **54** and **81** (ex jackard stitches). 0 & 54 are the start of the chart, 27 & 81 correspond to the thick line in the centre of the chart to aid navigation.

If knitting Ladderback Jackard, make one ladderback stitch with the light yarn every six stitches as per chart (you will have 126 stitches on your needles).

4. Knit chart (chart is repeated twice). It is recommend to strikethrough each row (i.e. with pen and ruler) to help you navigate the chart. On final row of chart remove markers 27 & 81.

If knitting stranded, do not exceed six stitches of float, ensure floats are not vertically aligned to avoid bunching.

If knitting Ladderback Jackard, complete the ladderback jackard on row 31 (i.e. round after chart). Round will be Knit 5, SSK repeated for the whole round. You should have 108 stitches on your needle at the end of the round.

5. Decrease as follows from start of round (following chart), you will need to switch to double-pointed needles or magic loop to finish the top of the hat

Round 1: Knit 10, knit 2 together (k2tog), knit two, place marker. Knit 13 place marker. Repeat to end of round (104 stitches)

Round 2: Slip Slip Knit (SSK), knit to next marker, repeat to end of round (96 stitches)

Round 3: Knit until 4 stitches from marker knit 2 together (k2tog) knit 2, repeat to end of round (88 stitches)

Round 4: Knit the round (88 stitches)

Repeat round 2-4 twice; stitch count will decrease as follow:

Round 5: 80 stitches

Round 6: 72 stitches

Round 7: 72 stitches

Round 8: 64 stitches

Round 9: 56 stitches

Round 10: 56 stitches

Round 11: Slip Slip Knit (SSK), knit to next marker, repeat to end of round (48 stitches)

Repeat round 11 until 8 stitches remain:

Round 12: 40 Stitches

Round 13: 32 Stitches

Round 14: 24 Stitches

Round 15: 16 Stitches (remove markers)

Round 16: 8 Stitches

6. Cut the yarn, leaving a long tail, thread the tail through the remaining stitches, and pull tight to close the top of the hat. Block and dry in shape. Finally weave in the ends, and your hat is ready to wear. Pom pom optional!

Plain Chart



