

PURL SOHO

Wavelength Wrap

purlsoho.com/create/2024/10/23/wavelength-wrap

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Our gorgeous new merino and alpaca yarn, [Note](#), is on a frequency with everything knitters love... And our Wavelength Wrap pattern, with its smooth stockinette body and intriguing oscillations, is the perfect design to amplify all that beauty!



You'll cast on for your Wavelength Wrap lengthwise, then dive right into a real "wow" moment: your first lateral braid! We'll walk you through every step of this beautiful edging, where your stitches magically travel perpendicular to your cast on... A simple yet impactful technique.



And now on to those undulating edges! You'll shape the scallops one at a time, using simple short rows. If you haven't worked short rows before, our excellent tutorial will sort you out, and you'll come away understanding how the same technique can create both peaks and valleys in your knitting.



Then there's a restful section of simple stockinette, a moment to simply watch beautiful fabric taking shape, before you do it all again in reverse: shaping the rippling scallops along the other edge and finishing with another lateral braid.



Designed by Purl Soho designer, Hiromi Glover. See even more of Hiromi's work on her Instagram!

Share your progress and connect with the community by tagging your pics with #PurlSoho, #PurlSohoBusyHands, #PurlSohoWavelengthWrap, and #PurlSohoNote. We can't wait to see what you make!



Materials

- 3 (6) skeins of Purl Soho's Note, 80% extra fine merino wool and 20% baby alpaca. Each skein of this light worsted/DK-weight yarn is approximately 200 yards/ 100 grams; approximately 600 (1200) total yards required. We used the color Kiln Red.
- US 7 (4.5 mm), 47-or 60-inch circular knitting needles
- Stitch markers or scrap yarn
- Optional: T-pins or blocking pins

GAUGE

20 stitches and 28 rows = 4 inches in stockinette stitch

SIZES

Scarf (Wrap)

Finished Dimensions: 11 inches wide x 69 inches long (18 inches wide x 75¼ inches long)

NOTE: This wrap is worked lengthwise, so the width listed above corresponds to the number of rows and the length corresponds with the cast-on edge.

NOTES

STITCH MULTIPLE

This pattern is worked over a multiple of 31 plus 4 stitches.

SLIP STITCHES

Slip all slipped stitches purlwise with yarn in front.

SHORT-ROW SHAPING: WRP-T (WRAP AND TURN)

NOTE: For more information about this technique, including how to work wrapped stitches, please visit our [Short Rows Tutorial](#).

On the right side: Keeping yarn in back, slip next stitch purlwise from left needle to right needle. Bring yarn to front. Return slipped stitch to left needle. Bring yarn to back. Turn work so wrong side is facing you.

On the wrong side: Keeping yarn in front, slip next stitch purlwise from left needle to right needle. Bring yarn to back. Return slipped stitch to left needle. Bring yarn to front. Turn work so right side is facing you.

PATTERN

Cast on 345 (376) stitches. We used a basic [Long Tail Cast On](#).

TIP: When you're casting on so many stitches, it really helps to place a marker or piece of scrap yarn every 50 stitches. That way, if you lose count, you won't have to recount all the stitches. Just remember to remove these markers when you work the first row.

Set-Up Row (wrong side): Slip 2 (see Notes), purl to last 2 stitches, slip 2.

BOTTOM LATERAL BRAID

Lateral Braid Row (right side): K2; without turning the work, use a Cable Cast On to cast 1 stitch onto left needle; *bringing right needle to back of work, insert needle into back leg of second stitch on left needle and k1 through back loop (tbl), keeping stitch on needle; bringing right needle to front of work, knit first stitch on left needle, letting both stitches drop off left needle; slip last stitch on right needle back to left needle; repeat from * to last 5 stitches (when 5th stitch on your left needle is the one you just slipped back), k1 tbl into second stitch on left needle, keeping stitch on needle; knit first stitch on left needle, letting both stitches drop off left needle; k1, then pass second stitch on right needle over (like a bind off), k2.

SHAPE BOTTOM SCALLOPS

NOTE: In this section, you will place markers to separate Scallop repeats.

Set-Up Row (wrong side): Slip 2, *place marker (pm), p31, repeat from * until last 2 stitches, pm, slip 2. [12 (13) markers placed]

FIRST BOTTOM SCALLOP

NOTE: You will now shape each Scallop one at a time, working between two markers and using Short Rows.

Short Row 1 (right side): K2, slip marker (sm), knit to 12 stitches before next marker, wrp-t (see Notes).

Short Row 2 (wrong side): Purl to 12 stitches before next stitch marker, wrp-t.

Short Row 3: Knit to wrapped stitch, knit wrapped stitch with its wrap, k1, wrp-t.

Short Row 4: Purl to wrapped stitch, purl wrapped stitch with its wrap, p1, wrp-t.

Short Rows 5–12: Repeat Short Rows 3 and 4 four more times.

NEXT BOTTOM SCALLOP

Short Row 1 (right side): Knit to wrapped stitch, knit wrapped stitch with its wrap, k1, sm, knit to 12 stitches before next stitch marker, wrp-t.

Short Row 2 (wrong side): Purl to 12 stitches before next stitch marker, wrp-t.

Short Row 3: Knit to wrapped stitch, knit wrapped stitch with its wrap, k1, wrp-t.

Short Row 4: Purl to wrapped stitch, purl wrapped stitch with its wrap, p1, wrp-t.

Short Rows 5–12: Repeat Short Rows 3 and 4 four more times.

CONTINUE

Repeat Next Bottom Scallop 9 (10) more times.

Next Row (right side): Knit to wrapped stitch, knit wrapped stitch with its wrap, k1, sm, k2.

Next Row (wrong side): Slip 2, purl to last 2 stitches, removing markers and purling wrapped stitches with their wraps as you come to them, slip 2.

BODY

Row 1 (right side): Knit to end of row.

Row 2 (wrong side): Slip 2, purl to last 2 stitches, slip 2.

Repeat Rows 1 and 2 until piece measures approximately 9 (16) inches from the cast-on edge, measuring at the center of a Scallop and ending with Row 1.

SHAPE TOP SCALLOPS

Set-Up Row (wrong side): Slip 2, place marker (pm), *p31, pm, repeat from * last 2 stitches, slip 2.

FIRST TOP SCALLOP

Short Row 1 (right side): K2, sm, knit to 2 stitches before next marker, wrp-t.

Short Row 2: Purl to 2 stitches before marker, wrp-t.

Short Row 3: Knit to 2 stitches before wrapped stitch, wrp-t.

Short Row 4: Purl to 2 stitches before wrapped stitch, wrp-t.

Short Rows 5–12: Repeat Short Rows 3 and 4 four more times.

NEXT TOP SCALLOP

Short Row 1 (right side): Knit to next marker, knitting all wrapped stitches with their wraps as you come to them, sm, knit to 2 stitches before next marker, wrp-t.

Short Row 2 (wrong side): Purl to 2 stitches before next marker, wrp-t.

Short Row 3: Knit to 2 stitches before wrapped stitch, wrp-t.

Short Row 4: Purl to 2 stitches before wrapped stitch, wrp-t.

Short Rows 5–12: Repeat Rows 3 and 4 four more times.

CONTINUE

Repeat Next Top Scallop 9 (10) more times.

Next Row (right side): Knit to last marker, knitting wrapped stitches with their wraps as you come to them, sm, k2.

Next Row (wrong side): Slip 2, purl to last 2 stitches, removing markers and purling wrapped stitches with their wraps as you come to them, slip 2.

TOP LATERAL BRAID

Work as for Bottom Lateral Braid.

FINISHING

With wrong side facing you, bind off loosely purlwise.

Weave in the ends and gently wet block face-down, pinning edges using T-pins or blocking pins if necessary to prevent Scallops from curling.

