



3D Raised Shell Stitch

Pattern Guide & Yarn Yield Strategy

If you are searching the web for soft, whimsical free textured crochet stitch patterns to design cozy baby blankets, decorative throws, or pastel cardigans, this **3D Raised Shell Stitch** is an absolute dream project.

Modern baby blankets and nursery decor heavily lean into soft colorways paired with rich, tactile textures. This specific stitch pattern stands out because instead of laying completely flat, each colorful shell row slightly overlaps a crisp white foundation line, creating a scalloped 3D wave. Using a coordinated pastel palette—like the soft yellow, mint green, lavender, peach, and sky blue skeins shown in our workshop layout—results in a high-end boutique look.

In this pro-level crochet tutorial, we break down this beautiful stitch structure using standard American crochet terms (US notation), complete with a yarn yield scale so you can plan your next handmade masterpiece with absolute precision. Let's get stitching!

Materials and Tools Needed

- **Yarn:** DK weight (#3 Light) or Worsted weight (#4 Medium) premium acrylic yarn.
- **Base Color:** Crisp White
- **Accent Colors:** Soft Yellow, Mint Green, Lavender, Pastel Peach, and Sky Blue.
- **Crochet Hook:** Size H/8 (5.0 mm) or Size I/9 (5.5 mm) to keep the scallop fans plush and beautifully rounded.
- **Tools:** Tapestry Needle & Scissors.

Project Size & Yarn Yield Strategy Guide

Intended Project Type	Average Finished Size	Recommended Foundation Chain	Estimated Skeins (100g each)
Textured Baby Blanket	Approx. 30 x 36 inches	Chain 104	5 - 6 Skeins (Assorted Colors)
Cozy Throw Blanket	Approx. 48 x 60 inches	Chain 164	10 - 12 Skeins (Assorted Colors)
Decorative Pillow Cover	Approx. 16 x 16 inches	Chain 56	2 - 3 Skeins total

Pattern Notes & Abbreviations (US Terms)

- **ch:** chain
- **sl st:** slip stitch
- **sc:** single crochet
- **dc:** double crochet
- **st:** stitch
- **sk:** skip
- **Shell (Scallop Fan):** 7 double crochets (7 dc) worked into the exact same stitch or space.
- **Pattern Repeat Gauge:** This 3D shell stitch is built on a mathematical foundation multiple of 6 chains + 2 extra chains for the initial turning chain adjustment.

Step-by-Step 3D Raised Shell Stitch Tutorial

Row 1 (The White Foundation Line): Using your Crisp White yarn, chain a multiple of 6 + 2 (For a small swatch, ch 26). Sc in the 2nd ch from hook and in each chain across to the end of the row. Turn. [25 sc stitches]

Row 2 (The Scallop Fan Setup - Switching Colors): Drop the White yarn (do not cut, carry it up the edge). Join your Sky Blue yarn. Ch 1. Sc in the very first stitch. * Sk 2 stitches, work a Shell (7 dc) into the next stitch. Sk 2 stitches, sc in the next stitch. Repeat from * to * across the row. Your very last stitch should be an sc sitting perfectly on the edge. Turn. [4 full scallops completed]

Row 3 (Rebuilding the White Backing Grid): Drop the Blue yarn, pick up the Crisp White yarn. Ch 3 (counts as 1 dc). * Ch 2, sk the first 3 stitches of the blue fan, sc into the 4th dc (the exact center peak of the shell). Ch 2, dc into the sc stitch sitting between the blue fans below. Repeat from * to * across to build a flat, sturdy white mesh bridge directly behind the colorful arches. Turn.

Row 4 (The Ribbed White Lock Row): Ch 1. Work 1 sc into every single dc stitch, sc peak, and work exactly 2 sc inside every ch-2 space across the row. This resets your solid foundation count back to your starting math. Turn. [25 sc stitches]

Row 5 (The Offset Pastel Wave): Drop the White yarn, join your Pastel Peach yarn. To create a staggered brick layout where the new shells sit perfectly in the valleys between the previous blue ones: Ch 3 (counts as 1 dc), work 3 dc in the exact same base stitch (this creates a half-shell on the edge). * Sk 2 stitches, sc in the next stitch, sk 2 stitches, work a full Shell (7 dc) into the next stitch. Repeat from * across, ending with 4 dc in the very last stitch to complete the opposite edge half-shell. Turn.

Continue alternating Rows 2 through 4, switching through your Mint Green, Lavender, and Yellow skeins to watch the gorgeous 3D pastel garden grow!