



[SAMPLE PHOTO – HAT ON HEAD, OUTDOORS]

[CROWN,
FROM ABOVE]

FIG. 1 – shown in size Adult M on a 22 in head

Redshift Hat

A folded-brim beanie with stripes that stretch wider as they climb, like light from a receding galaxy.

BUILT Bottom-up	BRIM Folded rib	WEIGHT Worsted	LEVEL Stable	SIZES Baby-Adult L
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SPECIMEN DATA

Sizing & crown

Choosing a size: measure around your head just above the ears. Hats fit best about 1–2 in / 2.5–5 cm smaller than the head, so pick the size whose finished circumference (A) is just under yours.

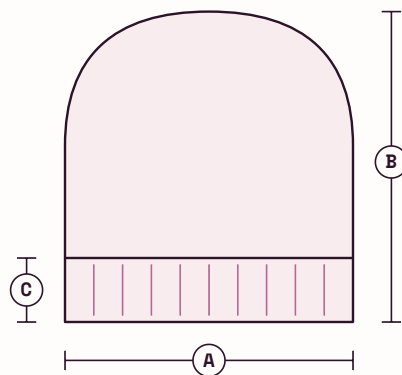


FIG. 2 · SIDE

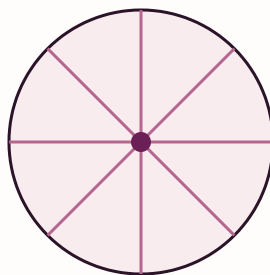


FIG. 3 · CROWN
8 decrease sections

- A** Finished circumference, unstretched
- B** Height, brim folded
- C** Brim depth

Size	Fits head	A circ.	B height	Cast on	Yardage
Baby	14–15 in	12½ in	6¾ in	56 sts	75 yds
Child	17–18 in	16 in	7½ in	72 sts	110 yds
Adult S	19–20 in	17¾ in	8 in	80 sts	140 yds
Adult M	21–22 in	19½ in	8½ in	88 sts	165 yds
Adult L	23–24 in	21¼ in	9 in	96 sts	190 yds

Crown decrease tracker

Done	Round	Work	Sts left (Adult M)
☐	1	*K to 2 sts before m, k2tog; rep from *	80
☐	2	Knit	80
☐	...	Rep Rnds 1–2 to 16 sts, then Rnd 1 only to 8 sts.	8

PROCEDURE

Instructions

Materials: Sample Yarn Co. Worsted in MC "Deep Space" and CC "Hydrogen Alpha". US 6 / 4 mm and US 8 / 5 mm 16 in circulars plus DPNs, 8 markers (1 unique). Gauge: 18 sts × 24 rnds = 4 in / 10 cm on larger needle. Sizes read Baby (Child, Adult S, Adult M, Adult L).

01 Brim

With smaller needle and MC, CO 56 (72, 80, 88, 96) sts. Place unique marker and join in the rnd, being careful not to twist.

Rib rnd: *K2, p2; rep from * to end. Work until brim measures 3 (4, 5, 6, 6) in / 7.5 (10, 12.5, 15, 15) cm. It folds in half when worn.

02 Body

Switch to larger needle and knit 4 rnds in MC.

Redshift stripes: work CC stripes of 1, 2, 3 and 5 rnds, with 3 rnds of MC between each. Carry the unused color up the inside at the start of the rnd.

Continue in MC until the hat measures 4½ (5½, 6¼, 6¾, 7¼) in / 11.5 (14, 16, 17, 18.5) cm from the fold.

03 Crown

Set-up: *K7 (9, 10, 11, 12), pm; rep from * to end. 8 sections.

Work the crown decrease tracker on page 2, checking off each rnd. Switch to DPNs when the sts no longer reach around the circular.

NEW TO MAGIC LOOP? Walkthrough: physicsandfiberarts.com/lab-notes/magic-loop

04 Finish

Cut yarn, leaving a 6 in / 15 cm tail. Thread through the remaining 8 sts, cinch closed and fasten on the inside.

Weave in all ends. Soak, squeeze out, and dry flat or over a balloon blown up to 1 in / 2.5 cm smaller than A. Add a pom-pom if you like a little extra mass.