

# Cosmic Flow socks

Pattern by Charlotte Stone, Stoneknits



The 'Cosmic Flow' socks are a fun and easy to knit pair of colourwork socks. They include a pattern based on the popular and classic houndstooth design which has been used by many designers and fashion houses all over the world. After a few pattern repeats you will find you quickly get into the flow of knitting your socks. Using some gorgeous, brightly coloured variegated sock yarn to create this pattern, turns this classic design into something slightly more cosmic and playful to wear on your feet (but a more traditional looking pair would look beautiful too!). These socks can be made in any of your two favourite contrasting colour combinations.

These socks are knit from the cuff down with a 2 x 2 ribbed cuff, have a 'no wrap' short row heel and have an easy two colour stranded colourwork pattern throughout the leg and foot. The toe is finished with kitchener stitch. This pattern uses the magic loop circular needle method (but can be knit with dpns).

## Sizes

1 (2) 3

Recommended ease: Approx. 1" / 2.5 cm of negative ease.

## FINAL MEASUREMENTS

Foot circumference: Size 1: 17-19cm / 7", Size 2: 20-23cm / 8.5", Size 3: 24-25.5cm / 9.5"

Leg/Foot length can be easily adjustable. See instructions for details.

(Sample shown is for foot size EU 39, UK 6, US 8.5, foot circumference 22cm in size 2).

## MATERIALS

### Yarn:

**MC:** Regia Premium Merino Yak sock yarn, 58% Merino wool, 28% polyamide and 4% Yak in colourway Anthrazit meliert Approx 50g, 200m / 218yds

**CC:** Schwesternrot Yarns High twist merino, 80% Merino superwash, 20% Nylon, in Colour 'Colored Waves' approx 30g, 140m / 153yds

**Notions:** Stitch marker, tapestry sewing needle.

## SPECIAL TECHNIQUES

When knitting stranded colourwork, be consistent with how you hold the yarns. The yarn used to knit the contrast pattern should always cross below the yarn knit for the background colour at the back of your work. Be sure to knit the floats loosely. The colourwork charts are read from bottom to top and from right to left.

Any short row heel or after thought sock heel can be substituted for the heel.

## GAUGE AND NEEDLE SIZE DETAILS

Needle size 2.5mm / US 1.5 34 sts x 46 rnds = 10cm / 4 inches

**Important note: Do check your gauge for fitting. Further sizes can be achieved by going up or down needle sizes.**

## Abbreviations

K= Knit

Ktbl = Knit through the back loop

P= Purl

st(s)= Stitch(es)

Sl1 = Slip one stitch purlwise from the left hand needle to the right hand needle.

SSK= Slip one stitch knitwise, slip nxt stitch knitwise, knit slipped stitches together.

p2tog = Purl 2 stitches together

k2tog = Knit 2 stitches together

M1L= Make 1 left. Pick up the bar between the stitch you knit and the one you are about to knit, bringing the needle from the front to the back. Then knit in to the back of the stitch making a new stitch.

RS= Right Side

WS = Wrong Side

BOR= Beginning of the round

MC = Main Colour

CC = Contrast Colour

CO = Cast On

## INSTRUCTIONS

### CUFF

CO 56 (64), 72 sts with MC with 2.5mm needle (or whichever needle size achieves gauge). Divide 28, (32), 36 sts evenly over each needle. PM for BOR. Join to work in the rnd being careful not to twist sts.

**Set-up 1 x 1 rib:** \*K1, P1\*, rep \*-\* to end of rnd.

Cont in rib for 15 rnds in total.

### LEG

With MC Knit 1 rnd.

Increase rnd:

**Size 1:** \*K6, M1L\*, rep \*-\* to 2 sts before the end of the rnd, K2. 8 sts inc'd. 64 sts total.

**Size 2:** \*K8, M1I\*, rep \*-\* to end of rnd. 8 sts inc'd. 72 sts total.

**Size 3:** \*K9, M1I\*, rep \*-\* to end of rnd. 8 sts inc'd. 80 sts total

Start knitting the colourwork chart joining the CC where shown. The chart repeats 8, (9), 10 times around the sock. Work through rnds 1–16 stopping after rnd 8 or 16 for as long as you want the length of the sock. (Sample shown the chart was knit 3 times. Then proceed to Heel instructions.

### HEEL

The short row heel will now be worked flat and knitted back and forth using N1 only and MC.

N1 is currently holding 32, (36), 40 sts.

#### Size 1 only:

**Row 1 (RS):** \*K6, K2tog\*, 3 times. K5, K2tog, Turn work (leaving 1 st unworked). 28sts in total.

**Row 2 (WS):** SI1, p26 (again leaving 1 st unworked at the end) and turn work to the RS.

**Row 3:** SI1, k25 (this leaves 2 sts unworked at the end), turn work.

**Row 4:** SI1, p24 (turning at the last st bef the gap), turn work.

**Row 5:** SI1, k23 (turning at the last st bef the gap), turn work.

**Row 6:** SI1, P22 (turning at the last st bef the gap), turn work.

**Row 7:** SI1, k to 1 st bef the gap, turn work.

**Row 8:** SI1, p to 1 st bef the gap, turn work.

Work rows 7 & 8 until... **Row 20:** S1, P9, (turn work)

You will have 9 unworked sts on the left side and 9 unworked sts on the right side of your 10 purl sts.

The heel now needs to be worked back and forth closing the gaps that have been created from turning the work.

**Row 21 (RS):** SI1, K10, ssk (this is the 1 st bef the gap and 1 st after the gap, knitted tog). M1I st, picking up under the ssk. Do not twist the st. Turn work.

**Row 22 (WS):** SI1, p11, p2tog (again 1 st bef the gap and 1 st after the gap, purled tog). M1I in the st under the p2tog st. Do not twist st. Turn work.

**Row 23:** SI1, k12, ssk, m1I. Turn work.

**Row 24:** SI1, p13, p2tog, m1I. Turn work.

Cont in est. patt for **12 more rows** until

**Row 36: (RS):** SI1, k25, ssk, m1I. Turn work.

**Row 37: (WS):** SI1, p26, p2tog, m1I. Turn work.

**Row 38: (RS):** \*K7, M1I\* 4 times. There are now 32 sts on N1.

Proceed to Foot section.

#### Size 2 only:

**Row 1 (RS):** \*K6, k2tog\*, 4 times. 4 sts dec'd. There are now 28 sts on the right needle, 4 sts on the left. 4 heel sts rem. K 3 sts and turn work (leaving 1 st unworked). 32 sts in total.

**Row 2 (WS):** SI1, p29 (again leaving 1 st unworked at the end) and turn work to the RS.

**Row 3:** SI1, k28 (this leaves 2 sts unworked at the end), turn work.

**Row 4:** SI1, p27 (turning at the last st bef the gap), turn work.  
**Row 5:** SI1, k26 (turning at the last st bef the gap), turn work.  
**Row 6:** SI1, p25 (turning at the last st bef the gap), turn work.  
**Row 7:** SI1, k to 1 st bef the gap, turn work.  
**Row 8:** SI1, p to 1 st bef the gap, turn work

Work rows 7 & 8 until... **Row 20:** SI1, P11, (turn work)

You will have 10 unworked sts on the left side and 10 unworked sts on the right side of your 12 purl sts.

The heel now needs to be worked back and forth closing the gaps that have been created from turning the work.

**Row 21 (RS):** SI1, k10, ssk (this is the 1 st bef the gap and 1 st after the gap, knitted tog). M1l st, picking up under the ssk. Do not twist the st. Turn work.)  
**Row 22 (WS):** SI1, p11, p2tog (again 1 st bef the gap and 1 st after the gap, purled tog). M1l in the st under the p2tog st. Do not twist st. Turn work.)  
**Row 23:** SI1, k12, ssk, m1l. Turn work.  
**Row 24:** SI1, p13, p2tog, m1l. Turn work.

Cont in est patt for **14 rows** until

**Row 39 (RS):** SI1, k28, ssk, m1l. Turn work.  
**Row 40 (WS):** SI1, p29, p2tog, m1l. Turn work.  
**Row 41 (RS):** \*K8, m1l\*, 4times. 4 sts inc'd. There are now 36sts on N1.

Proceed to Foot section.

### **For size 3 only:**

**Row 1 (RS):** \*K8, K2tog\* 3 times, K7 K2tog. 4sts dec'd, turn work (leaving 1 st unworked.) 36 sts total.  
**Row 2 (WS):** SI1, p34 (again leaving 1 st unworked at the end) and turn work to the RS.  
**Row 3:** SI1, k33 (this leaves 2 sts unworked at the end), turn work.  
**Row 4:** SI1, p32 (turning at the last st bef the gap), turn work.  
**Row 5:** SI1, k31 (turning at the last st bef the gap), turn work.  
**Row 6:** SI1, p30 (turning at the last st bef the gap), turn work.  
**Row 7:** SI1, k to 1 st bef the gap, turn work.  
**Row 8:** SI1, p to 1 st bef the gap, turn work.

Work rows 7 & 8 until... **Row 22:** s1, P13, (turn work)

You will have 12 unworked sts on the left side and 12 unworked sts on the right side of your 12 purl sts. Proceed to row 1 below.

Now, the heel needs to be worked back and forth closing the gaps that have been created from turning the work.

**Row 23 (RS):** SI1, k12, ssk (this is the 1 st bef the gap and 1 st after the gap, knitted tog). M1l st, picking up under the ssk. Do not twist the st. Turn work.)  
**Row 24 (WS):** SI1, p13, p2tog (again 1 st bef the gap and 1 st after the gap, purled tog). M1l in the st under the p2tog st. Do not twist st. Turn work.)  
**Row 25 :** SI1, k14, ssk, m1l. Turn work.  
**Row 26:** SI1, p15, p2tog, m1l. Turn work

Cont in est patt for **16 rows** until

**Row 43 (RS):** SI1, k32, ssk, m1l. Turn work.  
**Row 44 (WS):** SI1, p33, p2tog, m1l. Turn work.  
**Row 45 (RS):** \*K9, m1l\*, 4 times. 4 sts inc'd. There are now 40 sts on N1.

## FOOT

Join back in the round and continue knitting the colourwork chart wth both MC and CC, knitting the next rnd from where you finished, before starting the heel.

When your sock is approx 5cm / 2 inches from your desired length (Try to finish on either rnd 8 or 16 of the colourwork chart). Cut CC.

K 1 rnd with MC.

**Size 1 only:** \*K5, K2tog\*, rep \*-\* to 2 sts before the end of rnd, K2. 4 sts dec'd. 56 sts in total.

**Size 2 only:** \*K7, k2tog\*, rep \*-\* to end of rnd. 8 sts dec'd. 64 sts in total.

**Size 3 only:** \*K8, k2tog\*, rep \*-\* to end of rnd. 8 sts dec'd. 72 sts in total.

## TOE

With MC the stitches placed equally on needles 1 and 2, move the BOR stitch marker to the middle at the bottom of your foot. Needle 2 holds the stitches at the top of your foot. Needle 1 is holding the stitches at the bottom of your foot.

**Set-up rnd:** K with MC to BOR m.

**Rnd 1 (dec rnd):**

*N1:* K until 3 sts rem, k2tog, k1;

*Needle 2:* K1, ssk, k until 3 sts rem, k2tog, k1;

*Needle 1:* K1, ssk, k to BOR. 4 sts dec'd.

**Rnd 2:** K.

Rep rnds 1–2 until 20 sts rem on both needles – 40 sts in total.

Cont knitting only rnd 1 (dec every rnd) until 10 sts rem on both needles – 20 sts in total.

Remove BOR m. K5 sts to the side of the sock. Graft remaining sts together with Kitchener stitch.

## FINISHING

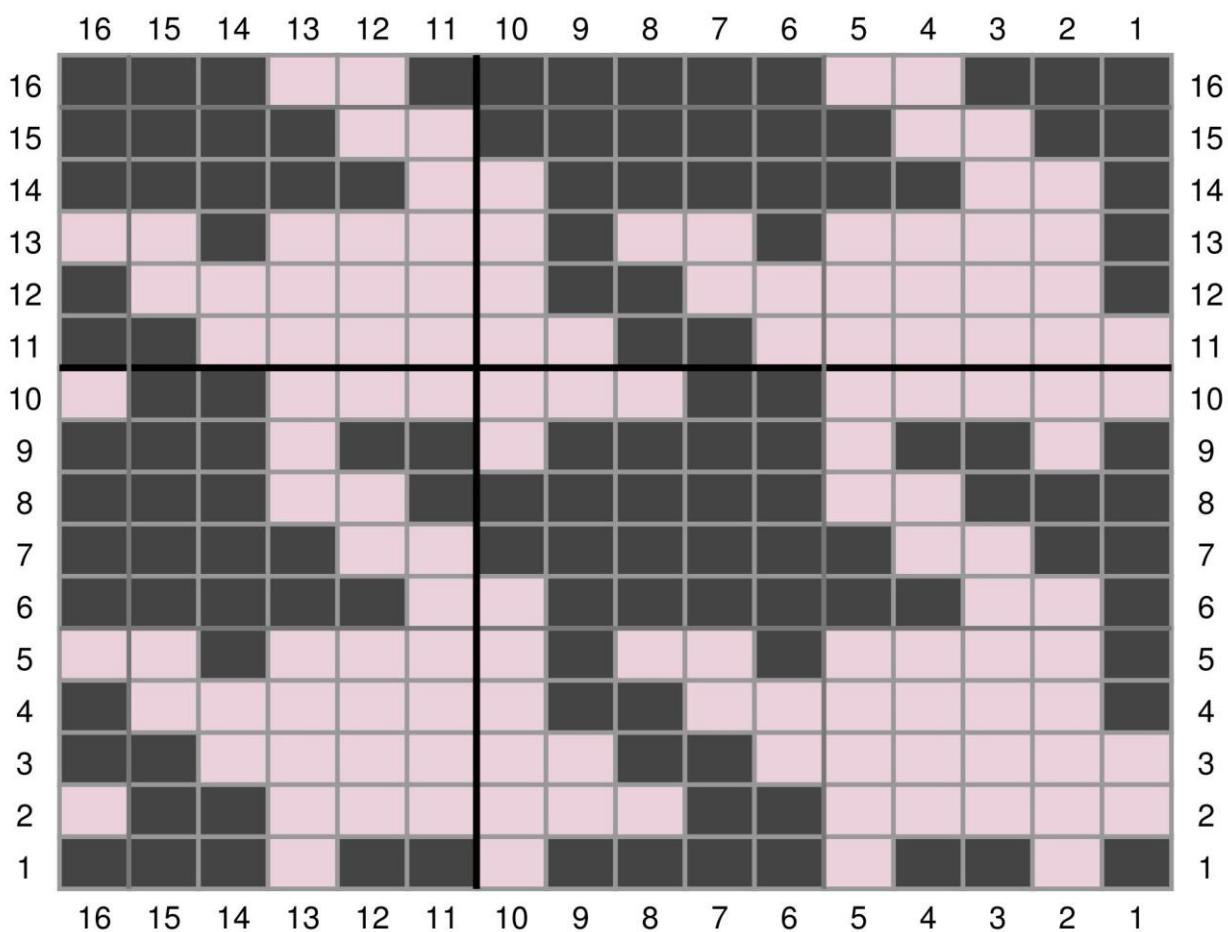
Weave in all ends. Soak and block. Repeat instructions for second sock.



**Key for chart:**

MC  CC 

**Colourwork Chart :**



This pattern was made in collaboration with Schwedenrot yarns. Yarn kits are available for this pattern at their website, [www.schwedenrot-yarns.de](http://www.schwedenrot-yarns.de)

(If you would like to, please do share your work and finished socks using the tags #cosmicflowsocks or #stoneknits on Instagram or on Ravelry. I love seeing your creations.)