

Tutorial : scottish hat

WHAT YOU NEED

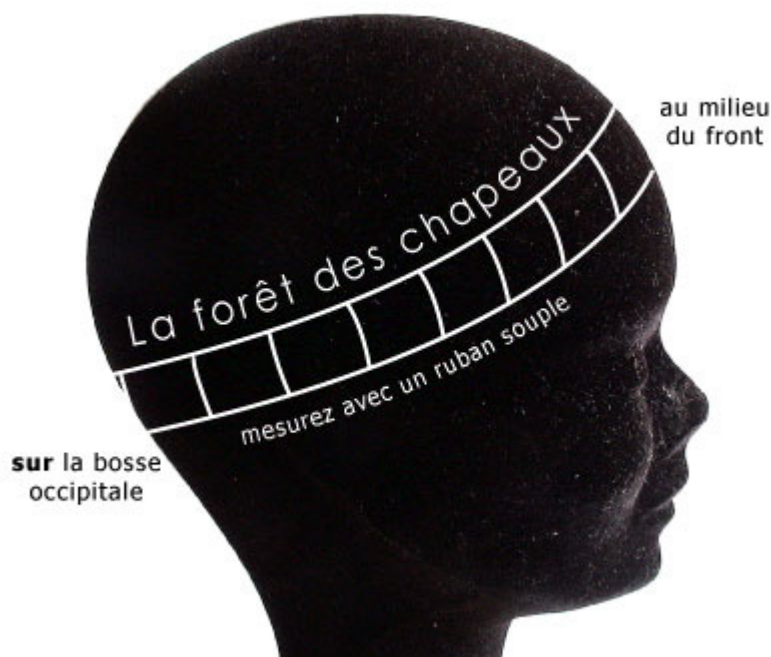
- 1 13 ribbon to measure your head
- Cissors
- Paper for the pattern
- pen, dividers, ruler, eraser, fabric (2 bands of 60X30 each)
- If your fabric is light and flexible, buy some hot-melt lining to make the hat stiffer. You won't need it if you use a thick fabric.
- A sewing machine (you can also do it by hand, but you'll have to be very patient)
- sewing thread, basting stitch (heavy thread that breaks easily)
- pins

Step 1 : draw the pattern

A. Measure your head. It's a simple move, but it has to be very precise.

A good hat won't be too tight, it won't fall, and it won't fly away either when a soft breeze blows.

Generally, the measure varies between 50 and 63 cm... (Source:laforetdechapeaux.com). BUT my head measure being 54cm, I still need to add 4-5cm to have a fitting scottish hat. So, for me, the measurement base is 59cm.

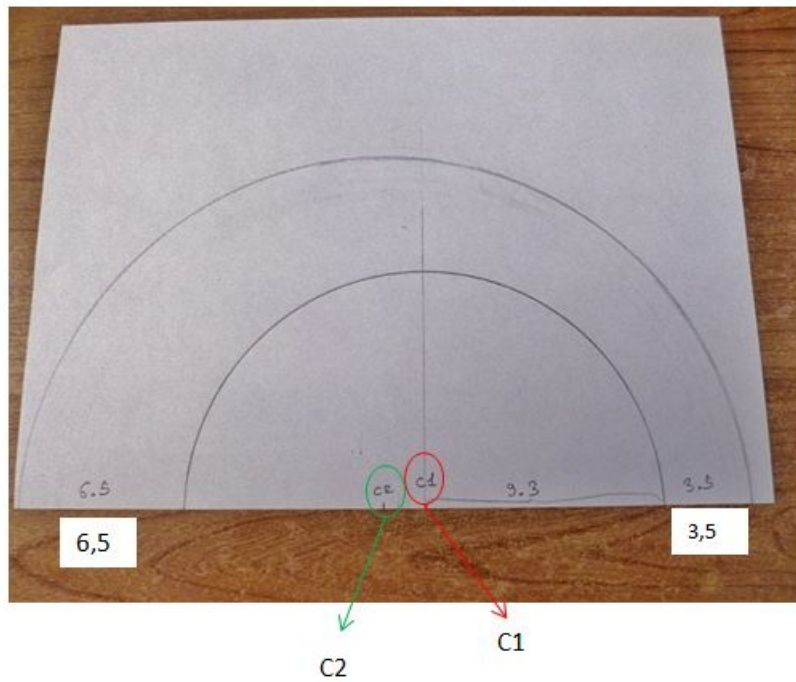


au milieu du front = in the middle of the forehead

sur la bosse occipitale = on the occipital crest

mesurez avec un ruban souple = measure your head using a smooth ruler ribbon

B. Draw the pattern : It's a very simple one : two half circles.



First draw the inner half circle. C1 is the center of the inner circle. To calculate the radius : your head measurement divided by $\pi \times 2$

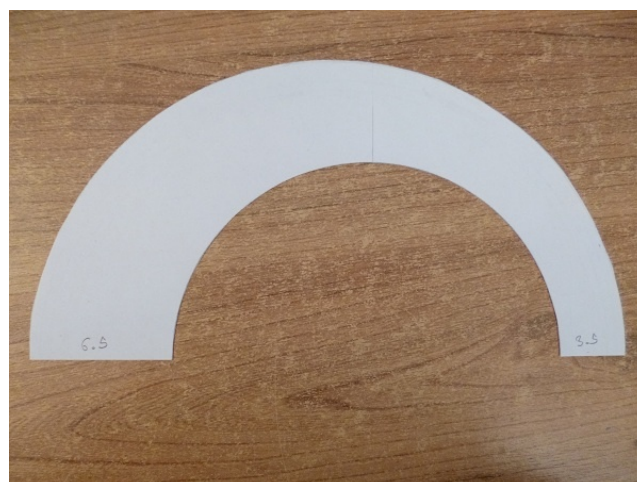
$$\pi (\pi) = 3,14. 2 \times \pi = 6,28.$$

For example : your head +5cm = 59 cm, you will divide 59 by 6,28.

$$59/6,28 = 9,3 \text{ cm}$$

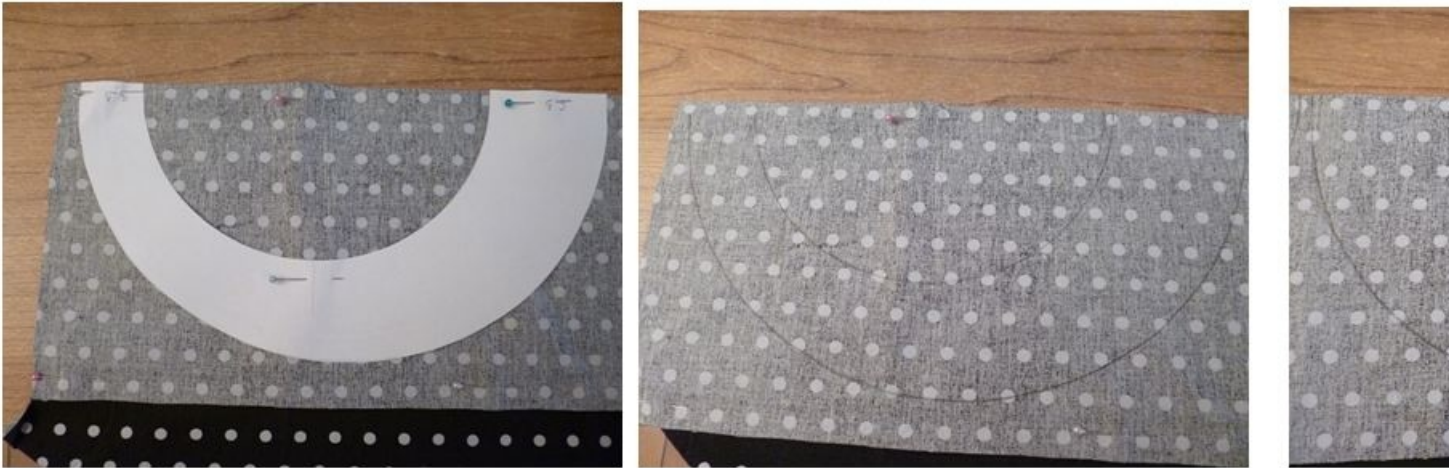
Now draw the inner half circle with the resulting radius.

Now draw the outer half circle. Its center is in C2, moved 1,5 cm to the left, compared to C1. Draw the outer half circle. There you are, the pattern is ready, you can cut it !



Step 2 : report the pattern on the fabric and cut the fabric.

The hat is made of two separate pieces of fabric. One for the inside, one for the outside.



Fold the fabric, use an iron to mark the fold and report the pattern as shown.

Report once the whole pattern (inner and outer half circles), and another time only the outer half circle.

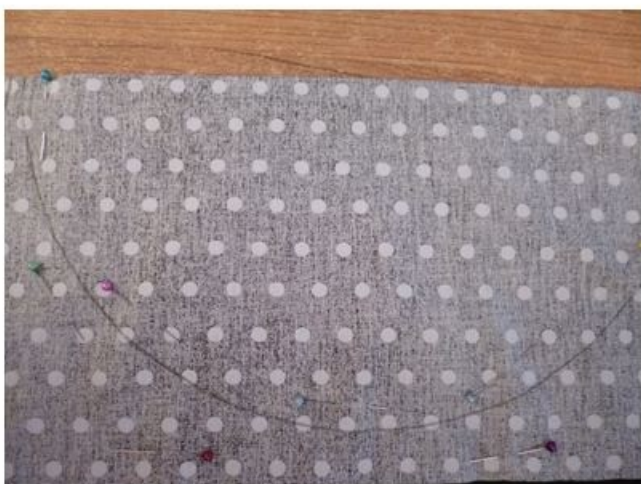


Trace a 1cm seam allowance along the inner circle. You will cut along this new line.

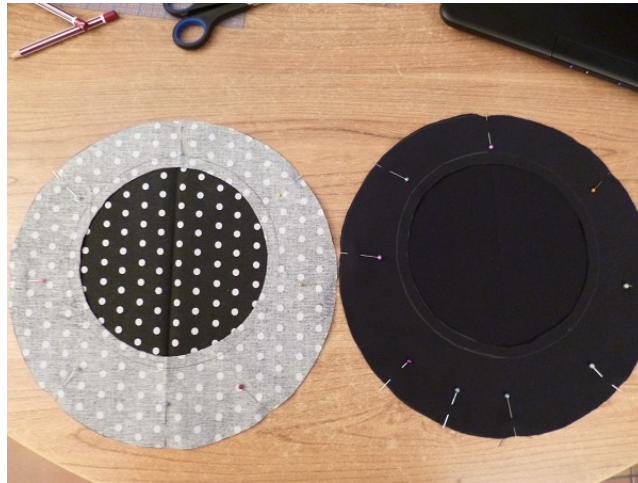
Do the same for the second piece of fabric, the one you will use for the inside.

Now cut. You will have 4 pieces of fabric :

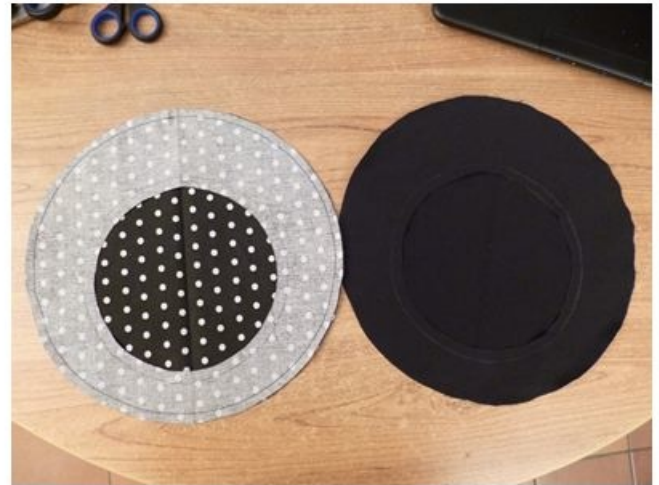
TIP : use pins before the cut to prevent the fabric from sliding



Step 3 : sew it all together



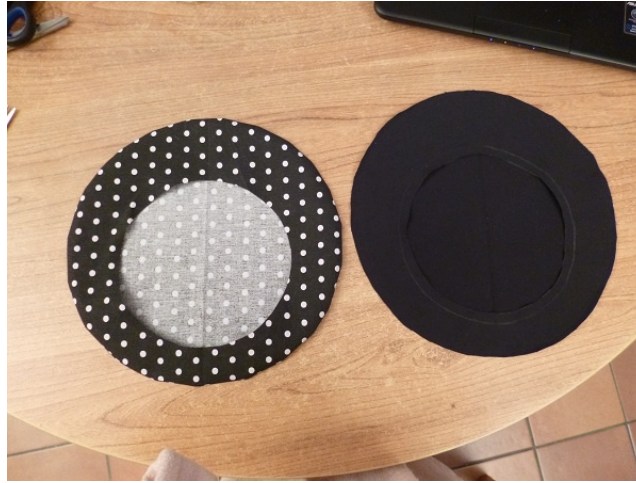
Pin the parts.



Now sew a straight stitch 1 cm from the outside edge for the outer fabric (the one with dots) and 1,5cm from the outside edge for the inside. (It has to be slightly smaller to fit easily into the hat...)



For the outside part, make little slots. Be careful not to cut the sewing. For the fabric of the inside, you'll need to recut the edges 5mm from the sewing.



Turn the outside inside out and iron it. Leave the inside as it is.

Step 4 : Assembler the whole hat



Slip the inside part in the hat. Take the time you need to adjust. Pin the two parts, then sew them with the machine.

Step 6 : The headband.

The headband is a rectangle piece of fabric. It's length equals your head's size (don't forget to add 4-5 cm) plus 2 cm. (In our example $59 + 2 = 61$ cm). It's width is 6 cm.

$$59 \text{ cm} + 2 = 61 \text{ cm}$$



6 cm



With your iron, fold the long sides on 1 cm.



Then fold the headband in two and iron it to mark the fold.

Now fold again one of the length, 2cm on the other side.



Pin the headband to the hat and use basting stitch to sew temporarily the parts together. Take all the time you need, to adjust the headband to the hat.

Try the hat just after the basting stitch, to check if your hat fits your head, before sewing for real.



Sew the hat with the machine.

You're done.

You can proudly wear your scottish hat !