Millerite-Mandala

Material

Yarn:
Fika from Gicona.
Color 1: Darkgrey #123 (1 ball, 50 gram)
Color 2: Darklilac #303 (1 ball, 50 gram)
Color 3: Lilac #300 (1 ball, 50 gram)
Color 4: Light grey #130 (1 ball, 50 gram)
Hook: 3,0 m.m.
Size: Approximately 43 cm across.
Other stuff: Scissors and a yarnneedle to end each round with an invisible stitch and to sew in all the ends.

Read this before you start:

- Most stitches are made in the back loop, but sometimes it's not, so pay attention to what the pattern says.
- Every round (except round 1) begins with a standing stitch (can be standing sc, standing dc etc, depending on the pattern), I will not specify this in the pattern.
- Every round ends with an invisible stitch. There are plenty of tutorials online for this so I recommend that you google it if you're not familiar with it. It's well worth it because it looks aboslutely the neatest. (And it is very simple and since you already have the yarn on a needle it's almost that you automatically sew in the ends as you go ☺).

Abbreviations (US terms):

Ch: Chain
st: stitch
sk: skip
tog: together
fl: front loop
Rep: repeat
sc: single crochet
scbl: single crochet in back loop
hdc: half double crochet
hdcbl: half double crochet i back loop.
dc: double crochet
dcbl: double crochet through back loop
dcfl: double crochet in front loop
tr: treble crochet
trfl: treble crochet in front loop
fpsc: front post single crochet
fphdc: front post half double crochet
fpdc: front post double crochet
fptr: front post treble crochet
bphdc: back post half double crochet
bpdc: back post double crochet
5pop: popcorn stitch. Make 5 dc in indicated stitch, release hook from loop and insert it through first dc of the 5 made and pull dropped loop through this stitch.
dc2tog: double crochet 2 together
dc3tog: double crochet 3 togheter.
tr2tog: treble crochet 2 together
tr3tog: Treble crochet 3 together
fptr2tog: Front post treble crochet 2 together

Round 1:

Color 1:

Make a magic loop, ch 3 (=1 dc) *ch5, 1 dc in magic loop* Rep *-* total of 8 times but omit the last dc.

Round 2

Color 2:

4 sc around every chain 5. (=totally 32 sc)

Round 3:

Color 3

Begin in a dc from round 1.

3 dc in same dc from round 1 (in between the groups of sc from the previous round), sk 1, 2 scbl, sk 1. Rep *-* a total of 8 times.

=24 dc, 16 sc. (Don't worry if it's a bit wonky at this point, it will sort it self out ☺)

Round 4:

Color 4

Begin in the 3rd dc in a group of 3.

4 scbl, 2 scbl in same stitch (it should be in the 2nd dc) Rep *-* a total of 8 times. =48 sc.

Round 5:

Color 1

Begin in 2nd sc of 2 made in the same st.

2 scbl, 2 scbl in same st, 3 scbl. Rep. *-* total of 8 times.

=48 sc

Round 6:

Color 3

Begin in fl of first dc of 3 made in same st, from round 3.

Do NOT skip any st on this round.

dc3tog in fl on each of the 3 dc from round 3 made in same st, 7 scbl Rep *-* a total of 8 times.

=8 groups of dc in fl tog, 56 sc.

Round 7:

Color 4

Begin in the st that is immediate before 3 dc tog.

Do NOT skip any st on this round.

6 dcbl, 1 trfl in the middle visible st from round 4, 2 dcbl. Rep *-* a total of 8 times.

= 64 dc, 8 tr.

Round 8:

Color 3

Begin in any tr.

1 sc (through both loops) in tr, ch 5, 1 fpdc around dc3tog, ch 5. Rep *-* a total of 8 times.

Slip stitch in 1st sc.

= 8 sc, 8 fpdc, 16 chain.

Don't cut yarn!

Round 9:

Color 3

Continue with the same yarn.

7 sc in ch 5, skip each sc and dc. Rep *-* a total of 16 times.

= 112 sc.

Round 10:

Color 2

Begin in fpdc from round 8.

*5 dc in the fpdc from round 8, in between the groups of sc, ch 1, 5 dc in the sc from round 8, in between the groups of sc, ch 1. * Rep *-* a total of 8 times.

= 80 dc, 16 chains.

Round 11:

Color 1

Begin in first dc of 5 made in the same stitch.

5 bphdc, 5pop in the middle sc from round 9 (Note: the 5pop is made in front of the ch1 from round 10, not "around" it. Rep *-* a total of 16 times.

= 16 5pop, 80 bphdc.

Round 12:

Color 4

Begin in any stitch.

1 scbl in every stitch. (If you make 5pop with an extra closing stitch, make sure to skip it.)

= 96 sc.

Round 13:

Color 2
Begin in a sc made in a 5pop.
6 scbl, dc2tog (first dc is made around both loops of the stitch on round 10 that sits directly to the right of the 5pop, and the second dc is made around both loops of the stitch on round 10 that sits directly to the left of the 5pop), don't skip any stitch. Rep *-* a total of 16 times.
=96 sc and 16 2 dc tog.

Round 14:

Color 3
Begin in any stitch.
1 scbl in each stitch.
=112 sc.

Round 15:

Color 4

Begin in the stitch made in the stitch after dc2tog.

Be careful not to skip any stitches on this round.

1 scbl, 1 dc in front loop of the first visible stitch of round 12, after a dc2tog, 6 scbl, 1 dc in the front loop of the last visible stitch of round 12 before dc2tog. Rep *-* a total of 16 times.

=112 sc, 32 dc.

Round 16:

Color 2

Begin in first dc of 2 that are close together.

1 scbl, 1 fpdc around dc2tog from round 13, sk 1 st, 7 scbl. Rep *-* a total of 16 times.

= 128 sc, 16 fpdc.

Round 17:

Color 1
Begin in any stitch.
1 scbl in each st.
= 144 scbl.

Round 18:

Color 4
Begin in a st made in one of the fpdc.
1 scbl, fptr2tog (the "legs" are made in the dc's from round 15 that sits on each side of the fpdc of round 16), skip NO stitch, 4 scbl, fptr2tog, (first "leg" is made in the same stitch as the second "leg" was made in of the previous fptr2tog, and the second is made in the next dc from round 15), skip 1 st, 3 scbl. Repeat *-* a total of 16 times.
= 32 fptr2tog, 128 scbl.

Round 19:

Color 3
Begin in any stitch.
1 scbl in each stitch.
=160 sc.

Round 20:

Color 1
Begin in stitch made in fptr2tog.
2 scbl, 5pop in front loop of the middlestitch visible from round 17, 2 scbl. Rep *-* a total of 32 times.
=128 scbl, 32 5pop.

Round 21:

Color 4

Begin in a 5pop. Be careful not to skip any stitch on this round.

5 scbl, fptr2tog (the first in fptr2tog on round 18 located to the right of the 5pop and the second in fptr2tog located to the left of 5pop. Repeat *-* a total of 32 times.

=160 scbl, 32 fptr2tog.

Round 22:

Color 3

Begin in any stitch.

1 scbl in each stitch.

=192 scbl.

Round 23:

Color 2
Begin in any stitch.
1 scbl in each stitch.
=192 scbl.

Round 24:

Color 1
Begin in the stitch that sits right above the fptr2tog from round 21. Look closely at the first picture to see on which fptr2tog to start on.
*1 scbl, 5 dcfl in the same stitch from round 20 visible in the "valley", skip the 5 stitches behind, 6 scb. * Rep *-* a total of 16 times.
=112 scbl, 16 groups of dc's with 5 dcfl in each group.

Round 25:

Color 4
Begin in the first stitch after a group of 5 dcfl. Note that the tr3tog consists of fptr, trfl, fptr.
* 3 scbl, tr3tog (**1st** fptr, is around the fptr2tog from round 21 located below to the right,

2nd trfl is made in front loop of the visible middle stitch from round 21 that is located in between the two fptr2tog from round 21, **3rd** fptr is made around the fptr2tog from round 21 located below to the left), skip 1 st, 3 scbl, 5scbl in the 5 skipped stitches from round 24 (no stitches in the 5 dcfl from previous round).* Repeat *-* a total of 16 times.
=176 scbl, 16 tr3tog.

Round 26:

Color 3
Begin in any stitch.
1 scbl in each stitch.
= 192 scbl

Round 27:

Color 2
Begin in any stitch.
1 scbl in each stitch.
=192 scbl.

Round 28:

Color 1
Begin in a stitch located right above tr3tog.
3 scbl, 3 tr3tog in both loops in the first tr of 5 from round 25, skip 1 stitch, 2 scbl, tr3tog in both loops in the third tr of 5 from round 25, skip 1 stitch, 2 scbl, tr3tog in both loops in the fifth tr of 5 from round 25, skip 1 stitch, 2 scbl. Repeat *-* a total of 16 times.
=144 scbl, 48 tr3tog.

Round 29:

Color 4

Begin in the last tr3tog of three. Do not skip any stitch on this round.

4 scbl, 1 fptr in tr3tog from round 25, 8 scbl. Repeat *-* a total of 16 times.

= total 192 scbl, 16 fptr.

Round 30:

Color 2

Begin in a stitch made in the third tr3tog.

*2 scbl, skip 2 stitches, 5 dc in both loops of the fptr of the previous round, skip 2 stitches, 6 scbl. * Repeat *-* a total of 16 times.

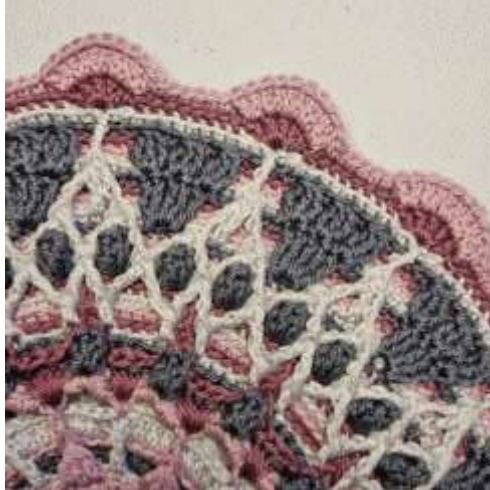=96 scbl, 16 groups with 5 dc in each group.

Round 31:

Color 3

Begin in first dc of five.

2 dc (in both loops) in each dc in a group of five, skip 1 stitch, 6 scbl, skip 1 stitch. Repeat *-* a total of 16 times.

=160 dc, 128 scbl.

Round 32:

Color 1

Begin in first dc in a group.

*10 bphdc, 1 scbl, 1 fptr in first of tr3tog from round 28, skip 1 stitch, 1 scbl, 1 fptr in 2nd tr3tog from round 28, do NOT skip any stitch, 1 scbl, 1 fptr in 3rd tr3tog from round 28, skip 1 stitch, 1 scbl. Repeat *-* a total of 16 times.

=160 bphdc, 48 fptr, 64 scbl

Round 33:

Color 4

Begin in first fptr of 3.

2 scbl, tr2tog (1st tr is made in the front loop of the stitch from round 29 visible between 1st and 2nd fptr of the previous round, and the 2nd is made in the front loop of the stitch from round 29 visible between 2nd and 3rd fptr of the previous round), skip 1 stitch, 2 scbl, skip 1 stitch, 10 bphdc, skip 1 stitch. Repeat *-* a total of 16 times.

=16 tr2tog, 64 scbl, 160 bphdc

Round 34:

Color 2

Begin in tr2tog.

1 sc through both loops, skip 2 stitches, 2 dcbl in each next 10 stitches, skip 2 stitches. Repeat *-* a total of 16 times.

= 320 dcbl, 16 sc,

Round 35:

Color 2

Begin in second dcbl of a set of 10.

5 bphdc, 8 bpdc, 5 bphdc, fptr2tog around 1st and 3rd fpdc from round 32, skip 3 sts.

Repeat *-* a total of 16 times.

= 160 bphdc, 128 bphdc, 16 fptr2tog.

Round 36:

Color 4

Begin in fp2tog.

1 fphdc in fp2tog, skip 1 stitch, 16 scbl, skip 1 stitch. Repeat *-* a total of 16 times.

= 16 fphdc, 256 scbl.

Round 37:

Color 4

Begin in the dc between two "archs".

8 tr (through both loops) in same stitch, skip 3 stitches, 10 scbl, skip 3 stitches. Repeat *-* a total of 16 times.

=128 tr, 160 scbl.

Round 38:

Color 3

Begin in first tr in a "shell"

*4 bpdc, 3 tr in same same stitch (between 4th and 5th tr in "shell"), 4 bpdc, skip 2 stitches, 6 scbl, skip 2 stitches. * Repeat *-* a total of 16 times.

=128 bpdc, 48 tr, 96 scbl.

Round 39:

Color 4

Begin in first bpdc after scbl.

5 scbl, (1 hdc, 1 dc, 1 hdc) in bl of 2nd tr, 5 scbl, dc2tog (first is made in fl of 4th stitch after fpdc of round 36, and second is made in fl of the fourth stitch after), skip 1 stitch, 4 scbl, dc2tog (first is made in fl of the stitch from round 36 to the left of second stitch of the previous dc2tog and the second is made in fl of the fourth stitch after that), skip 1 stitch.
Repeat *-* a total of 16 times.
=224 scbl, 32 hdc, 16 dc, 32 dc2tog.

Round 40:

Color 4

Begin in the stitch located immediately after the second dc2tog.

6 scbl, (1 hdc, 1 dc, 1 hdc) in both loops in same stitch, 6 scbl, 1 fpsc in dc2tog, 4 scbl, 1 fpsc in dc2tog. Repeat *-* a total of 16 times.
=256 scbl, 32 hdc, 16 dc, 32 fpsc.