So you want to edit the cut-ins?
Look no further.

First download this archive. It has a tool you'll need. It'll allow for decompressing and compressing of compressed DDS files found inside files like chrxxx.pat for example.

https://drive.google.com/file/d/1w00i6Lup3JSLQTfdxzW9oiwtHaEIyggd/view?usp=sharing

You'll also need a hex editor like hxd
https://mh-nexus.de/en/hxd/

Let's say you wanted to edit Arcueid's cutin?
Open up chr000.pat inside hxd and search for cut02

You'll see something like this/

```
Offset(h)  00 01 02 03 04 05 06 07 08 09 0A 0B 0C 0D 0E 0F  Decoded text

022D5D00   00 01 49 92 24 49 92 24 00 FF 04 00 AA 04 01 00   ..I'$I'$.ÿ..ª...
022D5D10   00 01 49 92 24 49 92 24 00 FF 04 00 AA 04 50 47   ..I'$I'$.ÿ..ª.PG
022D5D20   45 44 50 47 53 54 85 00 00 00 50 47 4E 4D 63 68   EDPGST…...PGNMch
022D5D30   72 30 30 30 5F 63 75 74 30 32 2E 64 64 73 00 00   r000_cut02.dds..
022D5D40   00 00 00 00 00 00 04 E5 19 00 70 E5 19 00 50 47   .......å..på..PG
022D5D50   54 45 00 08 00 08 50 47 54 32 A6 2B 3E 00 00 08   TE....PGT2¦+>...
022D5D60   00 00 00 08 00 00 44 58 54 35 04 00 00 00 03 00   ......DXT5......
022D5D70   00 00 FF 0B 10 01 00 00 00 00 96 2B 3E 00 80 00   ..ÿ.......-+>.€.
022D5D80   40 00 44 44 53 20 7C 00 00 03 07 10 00 00 03 08   @.DDS |.........
022D5D90   00 00 03 08 00 00 3A 20 00 00 03 04 00 00 03 44   ......:  ......D
022D5DA0   58 54 35 00 00 15 10 00 00 12 01 00 00 01 49 92   XT5...........I'
022D5DB0   24 49 92 24 00 FF 04 00 AA 04 01 00 00 01 49 92   $I'$.ÿ..ª.....I'
022D5DC0   24 49 92 24 00 FF 04 00 AA 04 01 00 00 01 49 92   $I'$.ÿ..ª.....I'
022D5DD0   24 49 92 24 00 FF 04 00 AA 04 01 00 00 01 49 92   $I'$.ÿ..ª.....I'
022D5DE0   24 49 92 24 00 FF 04 00 AA 04 01 00 00 01 49 92   $I'$.ÿ..ª.....I'
022D5DF0   24 49 92 24 00 FF 04 00 AA 04 01 00 00 01 49 92   $I'$.ÿ..ª.....I'
022D5E00   24 49 92 24 00 FF 04 00 AA 04 01 00 00 01 49 92   $I'$.ÿ..ª.....I'
022D5E10   24 49 92 24 00 FF 04 00 AA 04 01 00 00 01 49 92   $I'$.ÿ..ª.....I'
022D5E20   24 49 92 24 00 FF 04 00 AA 04 01 00 00 01 49 92   $I'$.ÿ..ª.....I'
022D5E30   24 49 92 24 00 FF 04 00 AA 04 01 00 00 01 49 92   $I'$.ÿ..ª.....I'
022D5E40   24 49 92 24 00 FF 04 00 AA 04 01 00 00 01 49 92   $I'$.ÿ..ª.....I'
022D5E50   24 49 92 24 00 FF 04 00 AA 04 01 00 00 01 49 92   $I'$.ÿ..ª.....I'
022D5E60   24 49 92 24 00 FF 04 00 AA 04 01 00 00 01 49 92   $I'$.ÿ..ª.....I'
022D5E70   24 49 92 24 00 FF 04 00 AA 04 01 00 00 01 49 92   $I'$.ÿ..ª.....I'
022D5E80   24 49 92 24 00 FF 04 00 AA 04 01 00 00 01 49 92   $I'$.ÿ..ª.....I'
022D5E90   24 49 92 24 00 FF 04 00 AA 04 01 00 00 01 49 92   $I'$.ÿ..ª.....I'
022D5EA0   24 49 92 24 00 FF 04 00 AA 04 01 00 00 01 49 92   $I'$.ÿ..ª.....I'
022D5EB0   24 49 92 24 00 FF 04 00 AA 04 01 00 00 01 49 92   $I'$.ÿ..ª.....I'
022D5EC0   24 49 92 24 00 FF 04 00 AA 04 01 00 00 01 49 92   $I'$.ÿ..ª.....I'
022D5ED0   24 49 92 24 00 FF 04 00 AA 04 01 00 00 01 49 92   $I'$.ÿ..ª.....I'
022D5EE0   24 49 92 24 00 FF 04 00 AA 04 01 00 00 01 49 92   $I'$.ÿ..ª.....I'
022D5EF0   24 49 92 24 00 FF 04 00 AA 04 01 00 00 01 49 92   $I'$.ÿ..ª.....I'
022D5F00   24 49 92 24 00 FF 04 00 AA 04 01 00 00 01 49 92   $I'$.ÿ..ª.....I'
022D5F10   24 49 92 24 00 FF 04 00 AA 04 01 00 00 01 49 92   $I'$.ÿ..ª.....I'
022D5F20   24 49 92 24 00 FF 04 00 AA 04 01 00 00 01 49 92   $I'$.ÿ..ª.....I'
022D5F30   24 49 92 24 00 FF 04 00 AA 04 01 00 00 01 49 92   $I'$.ÿ..ª.....I'
022D5F40   24 49 92 24 00 FF 04 00 AA 04 01 00 00 01 49 92   $I'$.ÿ..ª.....I'
022D5F50   24 49 92 24 00 FF 04 00 AA 04 01 00 00 01 49 92   $I'$.ÿ..ª.....I'
022D5F60   24 49 92 24 00 FF 04 00 AA 04 01 00 00 01 49 92   $I'$.ÿ..ª.....I'
022D5F70   24 49 92 24 00 FF 04 00 AA 04 01 00 00 01 49 92   $I'$.ÿ..ª.....I'
022D5F80   24 49 92 24 00 FF 04 00 AA 04 01 00 00 01 49 92   $I'$.ÿ..ª.....I'
022D5F90   24 49 92 24 00 FF 04 00 AA 04 01 00 00 01 49 92   $I'$.ÿ..ª.....I'
022D5FA0   24 49 92 24 00 FF 04 00 AA 04 01 00 00 01 49 92   $I'$.ÿ..ª.....I'
```

Select the byte before DDS and press CTRL + E and copy the start-offset copy that into notepad or just use WIndows 10/11's clipboard. WIN + V if you didn't know.
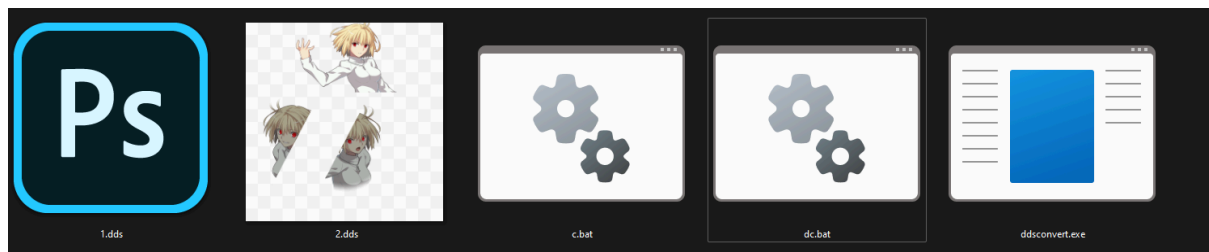
Scroll all the way to bottom in Arcueid's case select the byte before PGED_END like so.

```
026B88E0   92 24 00 FF 04 00 AA 04 01 00 00 01 49 92 24 49   '$.ÿ..ª.....I'$I
026B88F0   92 24 00 FF 04 00 AA 04 01 00 00 01 49 92 24 49   '$.ÿ..ª.....I'$I
026B8900   92 24 00 FF 04 00 AA 04 01 00 00 01 49 92 24 49   '$.ÿ..ª.....I'$I
026B8910   92 24 00 FF 04 00 AA 04 50 47 45 44 5F 45 4E 44   '$.ÿ..ª.PGED_END
```
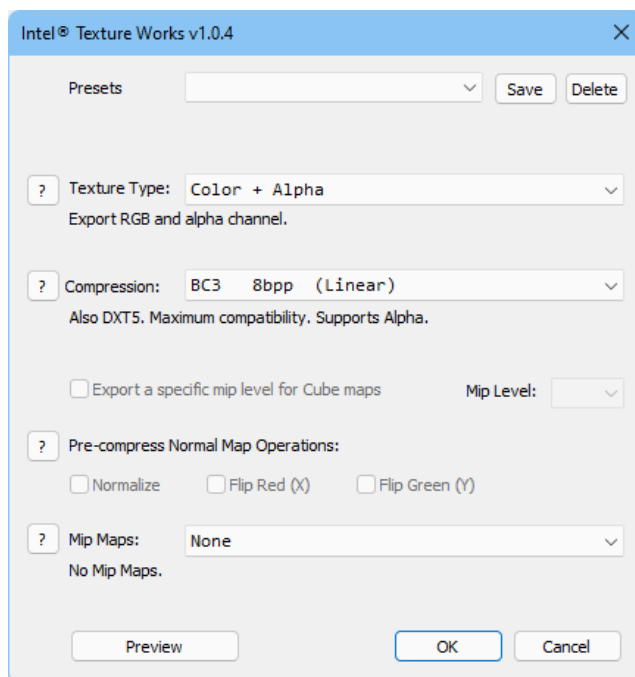
CTRL + E again and put the start-offset you copied earlier back. It'll highlight the whole DDS file CTRL + C into a new file and save it as whatever you want like 1.dds for example.

Now open dc.bat in notepad and change ddsconvert -decompress chr010_cut02.dds -output chr010_cut02_1.dds into something like this ddsconvert -decompress 1.dds -output 2.dds

And then open up the bat file this will decompress the dds file so it's editable in a program like photoshop.
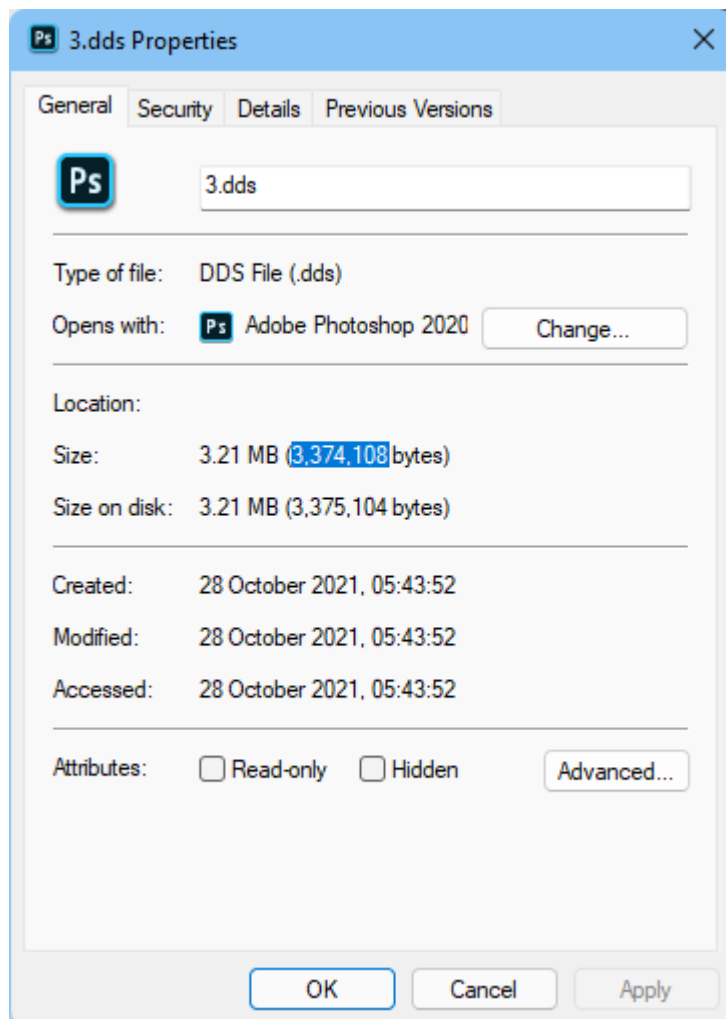

Once you've made your edits save the DDS with these settings.

Now open c.bat in notepad and do what you did before when decompressing.

Open up the newly compressed DDS file inside HXD and press CTRL + A this will select everything for you. Copy and paste that over the bytes in the pat file.

Now right click the compressed DDS file you edited like 3.dds for example and click properties you'll see something like this

Highlight and select the Size: like I have in the picture above and open a calculator in programming mode and click on dec and paste the copied text into it you should see it'll convert the size to bytes you'll need it in a second.

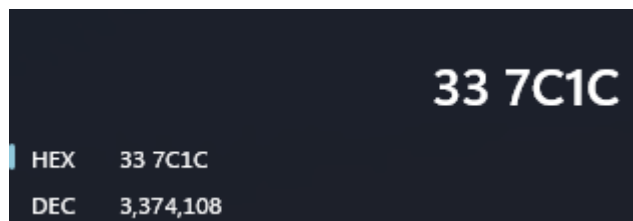Now search for cut02 again look for the values I have highlighted

```
022D5D20   45 44 50 47 53 54 85 00 00 00 50 47 4E 4D 63 68   EDPGST.....PGNMch
022D5D30   72 30 30 30 5F 63 75 74 30 32 2E 64 64 73 00 00   r000_cut02.dds..
022D5D40   00 00 00 00 00 00 04 E5 19 00 70 E5 19 00 50 47   .......å..på..PG
022D5D50   54 45 00 08 00 08 50 47 54 32 A6 2B 3E 00 00 08   TE....PGT2¦+>...
022D5D60   00 00 00 08 00 00 44 58 54 35 04 00 00 00 03 00   ......DXT5......
022D5D70   00 00 FF 0B 10 01 00 00 00 00 96 2B 3E 00 80 00   ..ÿ.......─+>.€.
022D5D80   40 00 44 44 53 20 7C 00 00 03 07 10 00 00 03 08   @.DDS |.........
```

That is the file size of the compressed DDS file inside the pat file.

Now with those values you've got from the calculator

You'll see for me it says 337C1C but I'd want to write it as 1C7C33 instead once you've changed those bytes highlight the bytes next to PGT2 you'll notice that it's just the file size but + 10

Copy the bytes you just wrote and copy that over those and add 10 to the first set of bytes for me It'll be 2C7C33.

And that should be everyone you'll need to do but of course if you need help feel free to ask in #installation-assistance in the MBTL palette server