

Lab 4

Copy your lab1 folder, and call the copy lab4

1. Open the image, ball.bmp, using the GIMP software
2. Choose the 'Select contiguous regions' tool, and click the blue background.
This selects the area that we want to eventually tell the computer to ignore, allowing transparency.
3. Right click the selected blue area, then choose Layer\Transparency\Add Alpha Channel.
(You can also select the Layer menu, then choose Transparency\Add Alpha Channel)
4. Select the Eraser tool, which can now be used to erase the blue, leaving the gray checkerboard that indicates transparency
5. Now to save the file, using File\Save As...
6. Choose the gif file type, and name the file lab4.gif
7. The GIMP software warns that the file must be exported, a step to convert the information to meet the 256 color limit
8. You may leave a comment, this will not display.

- Zip the lab4 folder, rename it to yourname-lab4.zip and submit in the D2L Lab 4 dropbox

Answer the following questions

The GIMP when started opens ____ window(s).

- a) 1
- b) 2
- c) 3
- d) 256

True or False

When you use the GIMP window to open a file, the image opens in a new window

- a) true
- b) false

Match the commands with menu the command is found on in the GIMP

| | |
|-------------|-----------------------------|
| Edit menu | Select\None command |
| File menu | Copy command |
| Image menu | brightness-contrast command |
| Select menu | Save As command |
| Tools menu | Image Crop command |

On TV, the weather person used a process called _____ to appear to stand in front of a map

- a) alpha channel
- b) animation
- c) chroma key
- d) layers

In gif files, the hiding of an area or color, using a(n) _____, can create transparency

- a) alpha channel
- b) animation
- c) chroma key
- d) layers

Another method that can create transparency is to add the equivalent of clear plastic over the image, these clear sheets are called

- a) alpha channels
- b) animations
- c) chroma keys
- d) layers