

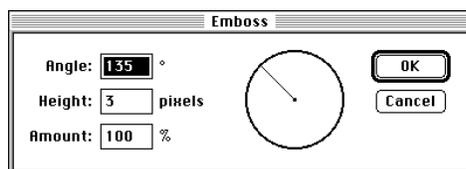
# Adobe Customer Services

## Using the Emboss Filter with Composite Controls

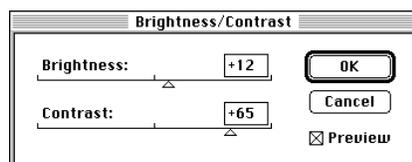
This technical note applies to both the Macintosh and the Windows versions of Photoshop. Please note that the Control and Alt keys in the Windows version function as the Command and Option keys in the Macintosh version, respectively. In the following text, the Windows key is given after the Macintosh key.

Adobe Photoshop's features provide almost limitless possibilities for special effects. The following technique illustrates one of the effects you can create with color images using the Emboss filter and Composite Controls. Although the instructions in the following procedure apply to an RGB image, the same procedure will work with other types of color images.

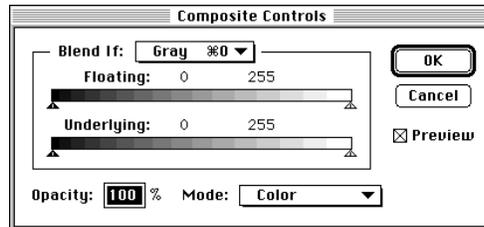
- 1 Copy the image by choosing All from the Select menu (Command/Ctrl+A) and Copy from the File menu (Command/Ctrl+C).
- 2 Convert the image to grayscale by choosing Grayscale from the Mode menu. When prompted whether you want to discard the color information, click OK.
- 3 Choose Stylize from the Filter menu and Emboss from the submenu. Accept the default values by clicking OK. Experiment with inverting the image by choosing Map from the Image menu and Invert from the submenu (Command/Ctrl+I); choose Undo from the Edit menu (Command/Ctrl+Z) to toggle between the image and the inverted image. You may prefer the embossed, raised look, or you may prefer the opposite, concave look.



- 4 To increase the image contrast, choose Adjust from the Image menu and Brightness/Contrast from the submenu (Command/Ctrl+B). Increase the contrast and brightness to your liking. This adjustment will add a little more definition to the final result.



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- 5 Choose RGB from the Mode menu to return to RGB mode.
  - 6 Choose Paste from the Edit menu to paste the image from the Clipboard; then choose Composite Controls from the Edit menu to open the Composite Controls dialog box.
  - 7 Choose Color from the Mode pop-up menu to replace only the color values (not the lightness values) of the underlying pixels with the pixels in the pasted image. Make sure that the Preview check box is selected so that you can preview the effects as you select different options in the dialog box.



- 8 Experiment with the following Mode options to create unusual effects: Darken, Lighten, Color, Multiply, and Screen. You can also use the sliders and the opacity setting to affect the floating or underlying image. For more information about Composite Controls, see the *Adobe Photoshop User Guide*.