

## FAUX-IRRED EFFECT

Infrared film is sensitive to the red end of the spectrum beyond what the human eye can perceive. It has a characteristic look that usually includes a glow and pronounced grain. It is possible to mimic this in PhotoShop. Be careful because infrared can be a clichéd look. Use this strategy and then vary the parameters to make something else happen that is beyond the typical.

### PICK a PICTURE

open \_\_\_\_\_ a suitable photograph file  
use \_\_\_\_\_ landscapes or portraits, things that generates heat  
save \_\_\_\_\_ a copy of this file so you will not lose your original

### MIX the CHANNELS

mix \_\_\_\_\_ the individual color channels with the CHANNEL MIXER  
create \_\_\_\_\_ a new ADJUSTMENT LAYER    LAYER> NEW> ADJ LAYER  
    [CMD] click \_\_\_\_\_ on the CREATE NEW LAYER button  
mix \_\_\_\_\_ the color channels to a total of 100%  
    select \_\_\_\_\_ CHANNEL MIXER from the pull-down menu  
            the CHANNEL MIXER dialog box will open  
determine \_\_\_\_\_ which channel that has the best glow in the highlights  
    increase \_\_\_\_\_ the gain to make this the strong channel  
    decrease \_\_\_\_\_ the gain on the other two channels  
    *for example:* \_\_\_\_\_ if the green channel has the best highlights...  
        adjust \_\_\_\_\_ the green channel to about +200%  
        adjust \_\_\_\_\_ the blue channel to about -30%  
        adjust \_\_\_\_\_ the red channel to about -70%  
            the balance will vary for each different photo!  
convert \_\_\_\_\_ to MONOCHROME with the checkbox in the bottom left

### SOFTEN the PICTURE

soften \_\_\_\_\_ the green channel of the original picture  
activate \_\_\_\_\_ the background layer in the LAYERS palette  
activate \_\_\_\_\_ the green channel in the CHANNELS palette  
choose \_\_\_\_\_ the GAUSSIAN BLUR filter    FILTER> BLUR> GAUSSIAN BLUR  
    try a setting that will smear the picture (3-5 pixels)  
fade \_\_\_\_\_ the blur    FILTER> FADE GAUSSIAN BLUR  
    set \_\_\_\_\_ OPACITY: to about 25%  
    set \_\_\_\_\_ MODE: to SCREEN  
        fading with SCREEN mode will produce a glow look  
        fading in LIGHTEN mode will produce a soft-focus look  
        fading with DARKEN mode will produce a diffusion look

### ADD NOISE

add \_\_\_\_\_ some grain to simulate the texture of infrared film  
activate \_\_\_\_\_ the background layer in the LAYERS palette  
choose \_\_\_\_\_ the add noise filter    FILTERS> NOISE>ADD NOISE  
    use \_\_\_\_\_ GAUSSIAN NOISE just enough to be apparent  
        then back off just a touch    try 5 - 10%

### COLORIZE the PICTURE

colorize \_\_\_\_\_ the image  
    use \_\_\_\_\_ curves (adj layer), duotone, adjust variations, etc...