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Subject: Re: Converting 8-bit image + palette to 24 bit image with alpha channel  
Posted by [davidf](#) on Thu, 09 Mar 2000 08:00:00 GMT

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Ricardo Fonseca (zamb@physics.ucla.edu) writes:

```
> I'm trying to convert an 8-bit grayscale image to a 24 bit image with an
> alpha channel, mapping the colors of the 8-bit image through a palette.
> Right now I'm doing it like this:
>
> CT = 23
> LoadCT,CT
> TVLCT, rr, gg, bb, /get
>
> Data = ByteScl(Abs(Data), MAX = max, MIN = min)
> s = Size(Data)
> AlphaImage = ByteArr(4, s[1], s[2])
> AlphaImage[0,*] = rr(Data[*,*])
> AlphaImage[1,*] = gg(Data[*,*])
> AlphaImage[2,*] = bb(Data[*,*])
> AlphaImage[3,*] = 128
>
> Which works, but I was wondering if there was a more efficient way of doing
> this. Can anyone help?
```

That's about the size of it, I'm afraid. :-)

Cheers,

David

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