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Subject: Converting 8-bit image + pallete to 24 bit image with alpha channel

Posted by [Ricardo Fonseca](#) on Thu, 09 Mar 2000 08:00:00 GMT

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Hi

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 = BytScl(Abs(Data), MAX = max, MIN = min)
s = Size(Data)
Alphamimage = BytArr(4, s[1], s[2])
Alphamimage[0,*] = rr(Data[*,*])
Alphamimage[1,*] = gg(Data[*,*])
Alphamimage[2,*] = bb(Data[*,*])
Alphamimage[3,*] = 128
```

Which works, but I was wondering if there was a more efficient way of doing this. Can anyone help?

Thanks in advance, Ricardo

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