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Subject: Re: colour conversion 8 -> 24 bit  
Posted by **Kenneth Bowman** on Tue, 21 Nov 2006 14:15:57 GMT  
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In article <ejuv22\$jf4\$1@lc03.rz.uni-jena.de>,  
Bringfried Stecklum <stecklum@tls-tautenburg.de> wrote:

> Hello,  
>  
> it might seem weird but for some reason I want to convert a colour-indexed 8 bit  
> image to a true colour one. Since there is no opposite of color\_quan I ask  
> around how to perform a "colour extension"?

If you have the 8-bit image and color table, just look up the intensities for each color component in the table. Without actually trying it, something like this:

```
image8 = BYTARR(ni, nj)      ;Your 8-bit image
table = BYTARR(255, 3)        ;Color table for 8-bit image
```

```
image24 = BYTARR(ni, nj, 3)    ;Empty 24-bit image
```

```
image24[0,0,0] = table[image8, 0] ;Red image plane
image24[0,0,1] = table[image8, 1] ;Green image plane
image24[0,0,2] = table[image8, 2] ;Blue image plane
```

Ken Bowman

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