
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
