
Subject: Re: GIF compression support in ImageMagick - Re-Post
Posted by [Lince.Lawrence](#) on Tue, 09 Nov 2004 14:12:17 GMT
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Mark Hadfield <m.hadfield@niwa.co.nz> wrote in message
news:<cmol6d\$pu\$1@newsreader.mailgate.org>...

- > I'm afraid you'll have to explain that question further. How do you mean
- > "optimize" and "impart 16 colour, colour table"? By the latter do you
- > mean "16-colour colour table"? You do mean 16-colour, not 16-bit colour?
- > Are you asking about ImageMagick here, or IDL?

I will explain...

We do "convert -antialias -transparent white -trim -depth 16 -colors
16 \$1 \$2" and we get... (in Image Magic)

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Image: si1.gif
Format: GIF (CompuServe graphics interchange format)
Geometry: 7x7
Class: PseudoClass
Type: grayscale with transparency
Depth: 8 bits-per-pixel component
Colors: 16

- 0: (0, 0, 0) opaque
- 1: (4369, 4369, 4369) #111111
- 2: (8738, 8738, 8738) #222222
- 3: (13107,13107,13107) grey20
- 4: (17476,17476,17476) #444444
- 5: (21845,21845,21845) #555555
- 6: (30583,30583,30583) #777777
- 7: (34952,34952,34952) #888888
- 8: (43690,43690,43690) #aaaaaa
- 9: (48059,48059,48059) #bbbbbb
- 10: (56797,56797,56797) #dddddd
- 11: (61166,61166,61166) #eeeeee
- 12: (65535,65535,65535) white
- 13: (0, 0, 0) opaque
- 14: (0, 0, 0) opaque
- 15: (0, 0, 0) opaque

Filesize: 173b
Interlace: None
Background Color: white
Border Color: #dfdfdf
Matte Color: grey74
Page geometry: 7x7+0+0
Compression: LZW
comment: Image generated by GNU Ghostscript (device=pngraw)

signature: 344c27d208a7f8792078b3c8e5b568e17387b4dbee3489f3173b0f5b57dd 584c
Tainted: False
User Time: 0.0u
Elapsed Time: 0:01

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But.. we want...

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Image: si1finished.gif
Format: GIF (CompuServe graphics interchange format)
Geometry: 9x7
Class: PseudoClass
Type: palette with transparency
Depth: 8 bits-per-pixel component
Colors: 16
0: (0, 0, 0) opaque
1: (8224, 8224, 8224) #202020
2: (24415,24415,24415) #5f5f5f
3: (42148,42148,42148) #a4a4a4
4: (53970,53970,53970) #d2d2d2
5: (59110,59110,59110) #e6e6e6
6: (63479,63479,63479) grey97
7: (65535,65535,65535) white
8: (32896,32896,32896) #808080
9: (65535, 0, 0) red
10: (0,65535, 0) #00ff00
11: (65535,65535, 0) yellow
12: (0, 0,65535) blue
13: (65535, 0,65535) #ff00ff
14: (0,65535,65535) cyan
15: (65535,65535,65535) white
Filesize: 170b
Interlace: None
Background Color: opaque
Border Color: #dfdfdf
Matte Color: grey74
Page geometry: 9x7+0+0
Compression: LZW
comment: Image generated by GNU Ghostscript (device=pngmraw)
signature: e02bdca57b1481410dd349058fa9d3d150e8ee97c714a1eaed51b0f7699a 79d4
Tainted: False
User Time: 0.0u
Elapsed Time: 0:01

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This result is obtained by another batch process in GraphicConverter
after the comand-line batch in Magic. Will I get this in a single
step?

What change should I make in the command. Please help

Thanks,
Lince M Lawrence
