

## Changes package, struck-through text rendering in blue

I am working on updating a complex document, and we need to clearly indicate all text that has been added or removed. I am using the changes package, like this:

```
\usepackage[addedmarkup=bf, deletedmarkup=sout]{changes}
```

We need the changes to be visible in greyscale, since we will be making printed copies of that sort.

For some reason, struck-through text is rendering in blue. Maybe it's an incompatibility with hyperref? In any event, a fix would be very much appreciated.

The full files are at:

<http://www.sindark.com/350/fossil-fuel-divest-new-SE-2015-04-06.pdf> (.tex and .bib in the same location)

There is some struck-out text on the second page of the PDF.

Thanks!

Milan

Added: Here is something like a MWE, but for some reason it makes both added and struck-out text blue, unlike my big document which only does it for struck-out text:

```
%!TEX TS-program = xelatex
%!TEX encoding = UTF-8 Unicode

\documentclass[10pt]{article}

\usepackage[addedmarkup=bf, deletedmarkup=sout]{changes}

\usepackage{url}
\usepackage[colorlinks=true,allcolors=navy]{hyperref}

\begin{document}

Here is some normal text

\added{Here is some added text}

\replaced{Old and broken}{New and shiny}

\end{document}
```

Added:

I tried adding:

```
\usepackage{soul}
```

to the preamble and:

```
\setstcolor{black}
```

to the main document, but struck-out text still appears blue.

```
{hyperref} {changes}
```

edited Apr 6 '15 at 18:37

asked Apr 6 '15 at 17:32

Milan Ilnyckyj

21 3

Please help us to help you and add a [minimal working example \(MWE\)](#) that illustrates your problem. It will be much easier for us to reproduce your situation and find out what the issue is when we see compilable code, starting with `\documentclass{...}` and ending with `\end{document}` .

- [Christian Hupfer](#) Apr 6 '15 at 17:51

Should the MWE include the entire preamble for the document, and then a bit of text that shows the problem? - [Milan Ilnyckyj](#) Apr 6 '15 at 17:56

The relevant packages and some text, you could use `\usepackage{blindtext}` and `\blindtext` in the document body to prevent tedious typing/copying of text - [Christian Hupfer](#) Apr 6 '15 at 17:57

I think, you should use `\definechangesauthor` to set an id and the color explicitly. The `changes.sty` file explicitly defines an `empty` author and all changes to be set in blue color - [Christian Hupfer](#) Apr 6 '15 at 18:58

See my possible solution - [Christian Hupfer](#) Apr 6 '15 at 19:17

## 2 Answers

`changes` defines the `\definechangesauthor` command which has some options, e.g. `color` for choosing the text color and as mandatory argument a author name, say `foo`.

However this command defines counters which names are created from the author name, such as `Changes@AddCountfoo` etc. which are automatically incremented.

In `changes.sty` the command `\definechangesauthor[color=blue]{\@empty}`, defining an `empty` author with default blue markup.

A second call, with, say `color=gray` will fail, since the relevant counters are defined already. One way to circumvent this is to `\undef` the counter names being already defined.

```
\documentclass[10pt]{article}

\usepackage{etoolbox}

\usepackage[addedmarkup=bf, deletedmarkup=sout]{changes}

\makeatletter
\undef\c@Changes@DeleteCount%
\undef\c@Changes@AddCount%
\undef\c@Changes@ReplaceCount%
\definechangesauthor[color={gray}]{\@empty}
\makeatother

\usepackage[colorlinks=false,allcolors=navy]{hyperref}

\begin{document}

Here is some normal text

\added{Here is some added text}

\replaced{Old and broken}{New and shiny}

\end{document}
```

Here is some normal text  
 Here is some added text  
 Old and broken~~New and shiny~~

edited Apr 6 '15 at 19:15

answered Apr 6 '15 at 19:07



[Christian Hupfer](#)

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This fix works! Thank you. - [Milan Ilnyckyj](#) Apr 6 '15 at 19:58

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Could using the nocolor markup option solve your problem?

```
\documentclass{article}
\usepackage[markup=nocolor, addedmarkup=bf]{changes}
\begin{document}

Text

\added{added}

\deleted{deleted}

\end{document}
```

answered Apr 6 '15 at 18:57

[etg](#)  
16 2

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The nocolor option makes added text underlined, whereas we want it to be bold. - [Milan Ilnyckyj](#) Apr 6 '15 at 19:02

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Added text appears underlined if I try with the `nocolor` option. That's not the only option you're using, is it? Try `\usepackage[markup=nocolor,addedmarkup=bf,deletedmarkup=sout]{changes}` - [erik](#) Apr 6 '15 at 19:05

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This fix also works - thank you - [Milan Ilnyckyj](#) Apr 6 '15 at 20:00

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Answer Your Question