

## Re: DSLR – background field colour cast...

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*Source:* <http://sci.tech–archive.net/Archive/sci.techniques.microscopy/2005–04/msg00190.html>

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- *From:* Aaron <nghy@xxxxxxxxxxxx>
  - *Date:* 29 Apr 2005 16:08:02 –0500
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Generally, all the sophisticated digital cameras need to be adjusted for the white balance. While some correction can be made via software after the image is made, it is best to do this beforehand. You will need to fill the field of view with a blank portion of the slide and institute the correct procedure for the white balance. Sometimes it is helpful to perform this procedure with the microscope slightly out of focus.

Aaron

On 29 Apr 2005 05:52:45 –0700, "justbeats" <steve\_beats@xxxxxxxxxxxx> wrote:

>  
>My brightfield images always have a pale "salmon coloured" cast to the  
>background. I generally run the lamp at around 6–7V, but the issue  
>persists at 12V too – so I don't think it can be a colour temperature  
>thing(?). Visually, the background looks perfectly white to me.  
>  
>I'm projecting the image directly onto the 10D's CMOS sensor and  
>thought maybe IR was the problem but adding an IR blocking filter just  
>before the condenser made no difference!?  
>  
>Is this just a common issue that's always fixed by later colour and  
>white balance tweaks (which seem to work just fine), or am I missing  
>something at the capture stage?  
>  
> Cheers  
> Beats  
>  
>PS. Scope is a Zeiss ICM 405 inverted with an EOS 10D attached to the  
>front photoport. Light is 12V/100W halogen.

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Re: DSLR – background field colour cast...

- **References:**

- ◆ ***DSLR – background field colour cast...***

- ◆ *From:* justbeats

- Prev by Date: ***Re: How is this biolam microscope??***

- Next by Date: ***Re: WTB Long Working Distance Micro/microscope***

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