

darktable - Bug #12270

Darktable-chart fails to open ColourCheckerPassport.cie

07/24/2018 02:23 AM - William Brown

Status:	New	Start date:	07/24/2018
Priority:	Low	Due date:	
Assignee:		% Done:	0%
Category:	General	Estimated time:	0.00 hour
Target version:		bitness:	64-bit
Affected Version:	2.4.4	hardware architecture:	amd64/x86
System:	openSUSE		

Description

When using darktable chart with the provided ColourCheckerPassport.cie file, the following error is encountered.

```
"error with the IT8 file, can't find the SAMPLE_ID column"
```

The file is located: /usr/share/color/argyll/ref/ColorCheckerPassport.cie

I am attaching the provided cie file, but it's distributed as part of suse in argyllcms-1.9.2-2.2.x86_64

darktable-2.4.4-156.3.x86_64

History

#1 - 04/09/2019 09:04 PM - Teemu Mäntynen

William Brown wrote:

When using darktable chart with the provided ColourCheckerPassport.cie file, the following error is encountered.
"error with the IT8 file, can't find the SAMPLE_ID column"

I encountered the very same error message. Darktable 2.6.1, ArgyllCMS 2.0.1, Kubuntu 18.04.

I was able to circumvent the problem by following instructions found in here:

<https://darktable-users.narkive.com/rOPvnnxT/anyone-know-where-to-find-a-cie-it8-file-for-the-color-checker-passport#post2>

"The file ColorCheckerPassport.cie as shipped by Argyll uses "SAMPLE_LOC" instead of "SAMPLE_ID" to refer to the colors. Just changing the line
SAMPLE_LOC XYZ_X XYZ_Y XYZ_Z LAB_L LAB_A LAB_B
to
SAMPLE_ID XYZ_X XYZ_Y XYZ_Z LAB_L LAB_A LAB_B
made it work for me."

#2 - 09/10/2019 09:54 PM - Bogdan Hlevca

I had the same issue an initially I added an extra column SAMPLE_ID and increased the number of fields to 8. That did not work as I was getting

```
error with the IT8 file, can't find sample `WBL4'
```

The idea behind this came after looking at other cie files that had 8 fields, for example: /usr/share/color/argyll/ref/CMP_Digital_Target-4.cie

By the way, that failed has both SAMPLE_ID and SAMPLE_LOC

and fails with the same error

Reading this thread I replace LOC with ID and left the original 7 columns. The cie file was loaded, but the style generated with it has washed out colors and is practically unusable for practical purposes.

I believe that this needs investigation as it appears that the darktable-chart only does a good job with a reference image or as the original poster suggested here:

[\[\[https://darktable-users.narkive.com/rOPvnnxT/anyone-know-where-to-find-a-cie-it8-file-for-the-color-checker-passport#post2\]\]](https://darktable-users.narkive.com/rOPvnnxT/anyone-know-where-to-find-a-cie-it8-file-for-the-color-checker-passport#post2)

it may only work well it it8 files but not with cie files.

Files

ColorCheckerPassport.cie

4 KB

07/23/2018

William Brown