
7. ICS Color Correction

The best method for color correcting images using ICS is while scanning with software that does support ICS directly. Scanning software with ICS enabled will automatically color correct images while scanning.

If your scanner software does not support ICS or you want to batch convert multiple images over night, you can use the `ICSCConvert` program. Simply start `ICSCConvert` and select the source image file and the name of the corrected image file.

`ICSCConvert` does offer many different many options in order to make correcting images as easy as possible. The program can be started from `Workbench` or from a `Shell`.

`ICSCConvert` also does memorize your selection for the last file converted in a file named `ICSCConvert.prefs` in the same drawer. Next time you start `ICSCConvert` again, the last selections will be offered as default. Note: the `ICSCConvert.prefs` setting file used will also be renamed if you change the name of `ICSCConvert`.

`ICSCConvert` can load the same image file formats as `ScanTarget`. Similar to `ScanTarget` there is usually not much memory used for converting very large image files.

Corrected images are always stored using IFF ILBM 8 bit (gray) or 24 Bit (color) by `ICSCConvert`.

7.1 Starting `ICSCConvert` from `Workbench`

Following methods can be used to select files for color correction when starting `ICSCConvert` from `Workbench`:

- A simple double click will start `ICSCConvert` and a file requester for the input images will appear (unless you used the `FROM` tootype, but this will be discussed shortly below).
Note: you can select multiselect image files in the file requester using the Shift-Key while selecting files using the mouse.
- You can also first select the input image icon(s) on the `Workbench` and that start `ICSCConvert` while still holding down the Shift-Key (or select the `Open Workbench` menu item instead of double clicking `ICSCConvert`).
- You can define an input source image file using the `FROM` tootype. This is especially usefull if a source image is always stored at the same location for correction.

Following tooltypes can be defined using the `Workbench Information` menu item after single clicking the `ICSCConvert` icon:

PUBSCREEN All windows are opened directly under your mouse pointer, so you do not have to move or scroll the screen to control the program. All windows are opened on the default public screen. You may specify a special public screen by setting the Tool Type `PUBSCREEN=<screen name>`¹ and the ICS preferences program will open its windows on your application's screen. If you run the preferences program from a `Shell` you can specify a screen with the `PUBSCREEN` option.

FROM The argument `FROM=<outputfilename or drawer>` allows you to specify an input filename for correction. If a drawer is selected, the filerequester showing the specified drawers content will appear for selecting the source images.

TO The argument `TO=<outputfilename or drawer>` allows you to specify the output filename for correction. If multiple input files are specified, `TO` must point to a drawer instead of a file. A filerequester will appear showing the selected drawer if only a single source image was selected.

¹The screen name is case sensitive.