# Coloreel Studio Release Notes SW1.6.8

Release date: 2023-08-10

## General

This Coloreel Studio version is a release that modifies the color management for the following areas.

## Main Changes

- Change from $LAB_{D65}$ to $LAB_{D50}$ representation of colors.
- Change from HSL to HSV.
- Improved functionality to select alternative color when outside GAMUT.

## Known Limitations

- Library: A solid color from a library cannot be applied to a Standard thread.
    - Workaround: Select applicable color from the color picker.
- Rendering can be inaccurate which can provide an incorrect representation of the final embroidery.
    - Workaround: None (awareness)
- Timeline: The representation of swatches in the timeline can be inaccurate. This has been seen for: small files with stripe effect.
    - Workaround: None (awareness). Correct in design overview.
- Keyboard shortcuts. Alt-Z. First segment in timeline is not possible to cut with short-command.
    - Workaround: functionality accessible by other means
- Apply Swatches to timeline: Sometimes a drag-and-drop or ctrl-v to a section is not applied as expected.
    - Workaround. Redo related action to the section.
- Multiple section selection: The multiple section selection does not always select/mark all swatches of the same instance.
    - Workaround: None (awareness)
- Section resize: When changing the section boundaries it can sometimes jump to the end point.
    - Workaround: Section is very small and can be accessed by the user (might need to zoom in on timeline). Undo can also be used to correct unwanted resizes.
- Response time: Coloreel Studio can sometimes be slow in response. Especially for designs with many sections.
    - Workaround: Close and start of program can increase performance (remove undo/redo possibilities that effect performance). HW (Computer) can also impact performance.
- Multithread: For a standard thread section a user can apply through menu "Insert/<swatch effect>" so that it seems as the section has an Coloreel thread effect applied to it. This effect is only visual in Coloreel Studio. Thread will be interpreted as a standard thread.
    - Workaround. Save of file and then close Coloreel Studio program and re-open file.