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# Introducing MagicPlot 2.7

- [Full release notes](#)
- [Help contents](#)
- [List of features](#)
- [Download MagicPlot](#)

This update is free for MagicPlot Pro 2.x users. Just download and run the new version.

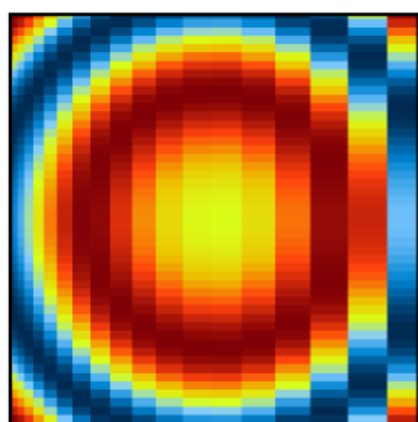
## Color Map Plots (in Pro edition only)

We are proud to introduce the long-awaited color map plots support in MagicPlot with the following features:

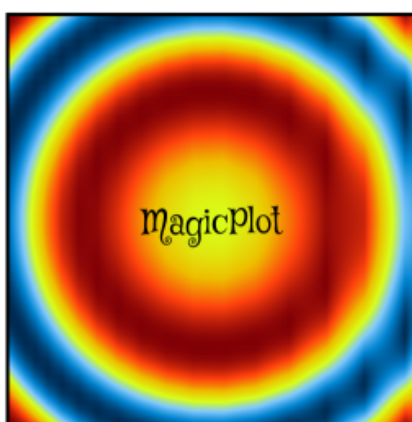
- **Non-uniform x/y data support**
- **Bicubic and bilinear image interpolation, available with non-uniform data also**
- Fast rendering of large tables
- Discrete and smooth color interpolation options
- Zooming with mouse/touchpad
- Multiple color map plots and curves in one axes box
- Palette customization and saving of presets
- Transparent colors support
- Exporting compact images in vector formats
- Fully integrated in MagicPlot work flow (copying/pasting color map, zooming etc.)

The manual topic on Color Map Plots can be found [here](#).

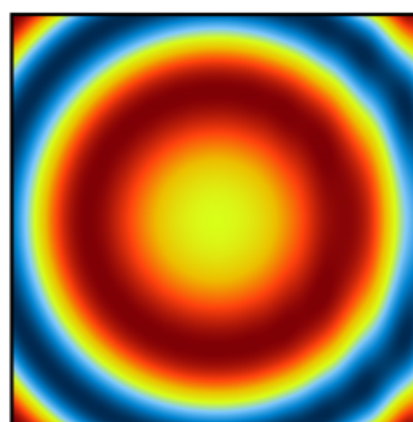
## Non-Uniform X/Y Data Support and Image Interpolation



Off



Bilinear

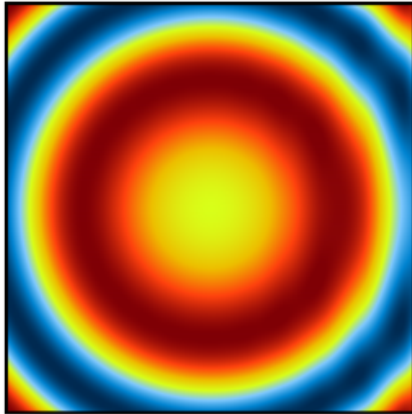


Bicubic

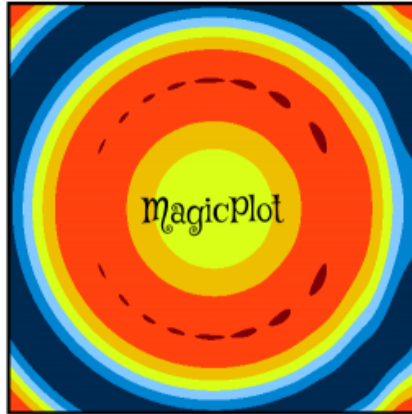
## Fast rendering of large tables

Plot dragging and zooming with mouse is smooth even with table of size 1000×1000.

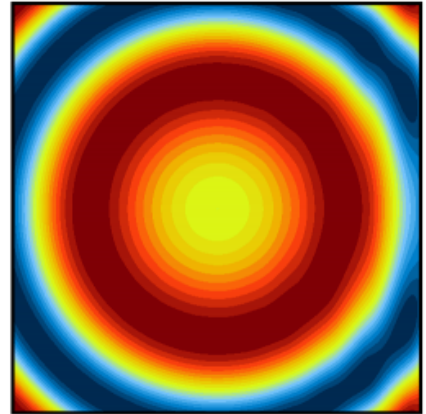
## Color Interpolation Options



Smooth



Discrete:  
colors from palette



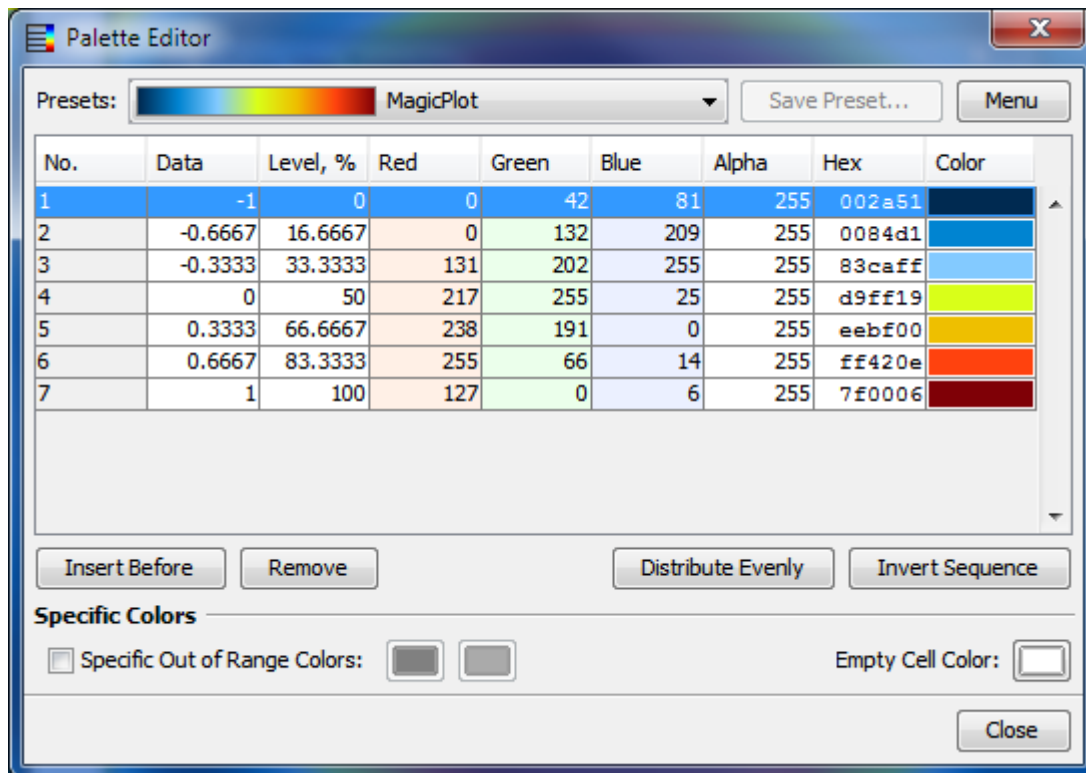
20 levels

1. Use exact color values from palette;
2. Interpolate colors;
3. Set number of equal color intervals.

## Zooming with Mouse/Touchpad

## Multiple Color Map Plots and Curves in One Axes Box

## Palette Customization and Presets Saving



## Transparent Colors Support

## Compact Vector Image Export

# Text Annotations and Drawing Tools in Student Edition

In the freeware MagicPlot 2.7 Student edition text and drawing tools from the Pro edition are now available.



### Available tools are:

- Text
- Line
- Arrow
- Rectangle
- Ellipse
- Image insertion
- Dimensions toolbar

# Various Improvements and Fixes

Many little enhancements and bug fixes were made based on the user feedback and testing.

From:

<http://magicplot.com/wiki/> - **MagicPlot Manual**

Permanent link:

<http://magicplot.com/wiki/relnotes:notes27?rev=1467150201>

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