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Introducing MagicPlot 2.7

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

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

[Download MagicPlot](#)

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:

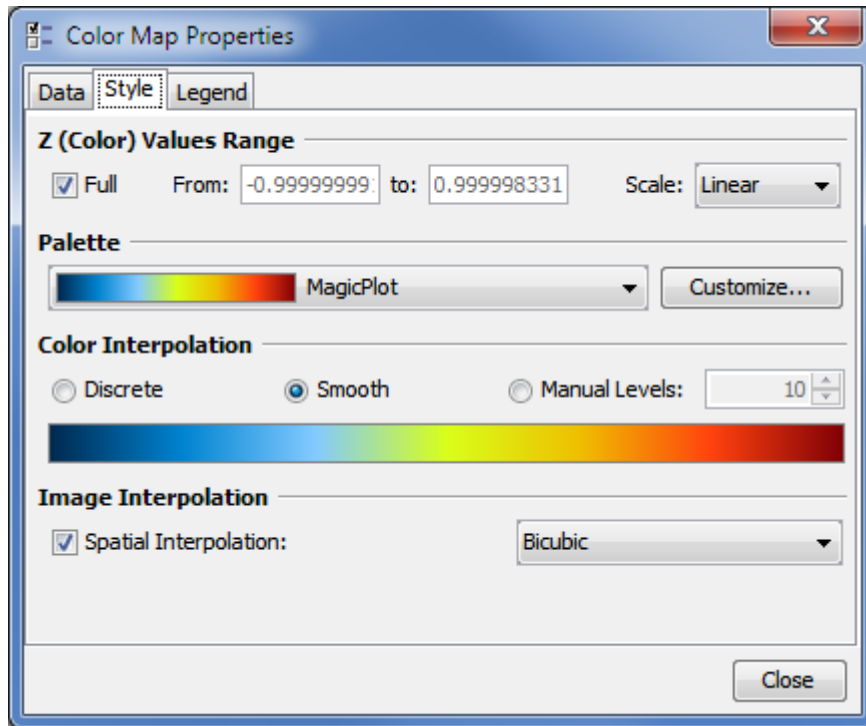
- **Non-uniform x/y data support**
- **Bicubic and bilinear image interpolation, available with non-uniform data also**
- Fast rendering of large tables (>1000×1000)
- Discrete and smooth color interpolation options
- Zooming with mouse/touchpad
- Multiple color map plots and curves in one axes box
- 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.)

See also: [Manual topic on Color Map Plots](#).

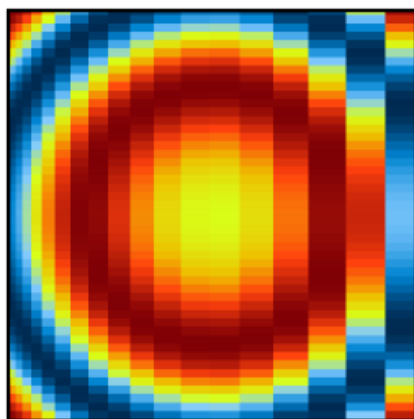
Non-Uniform X/Y Data Support and Image Interpolation

MagicPlot offers 3 image interpolation options:

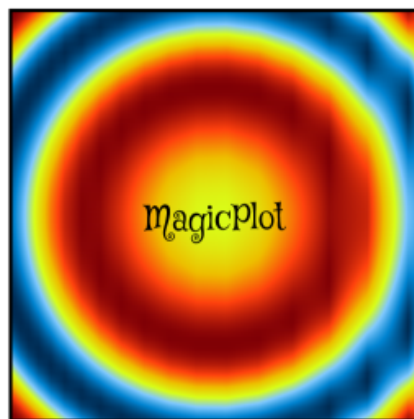
- Off (nearest neighbor);
- Bilinear;
- Bicubic.



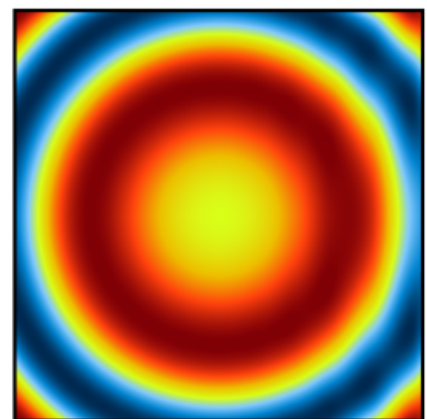
MagicPlot supports non-uniform X/Y data and interpolation is available for non-uniform data also:



Off



Bilinear



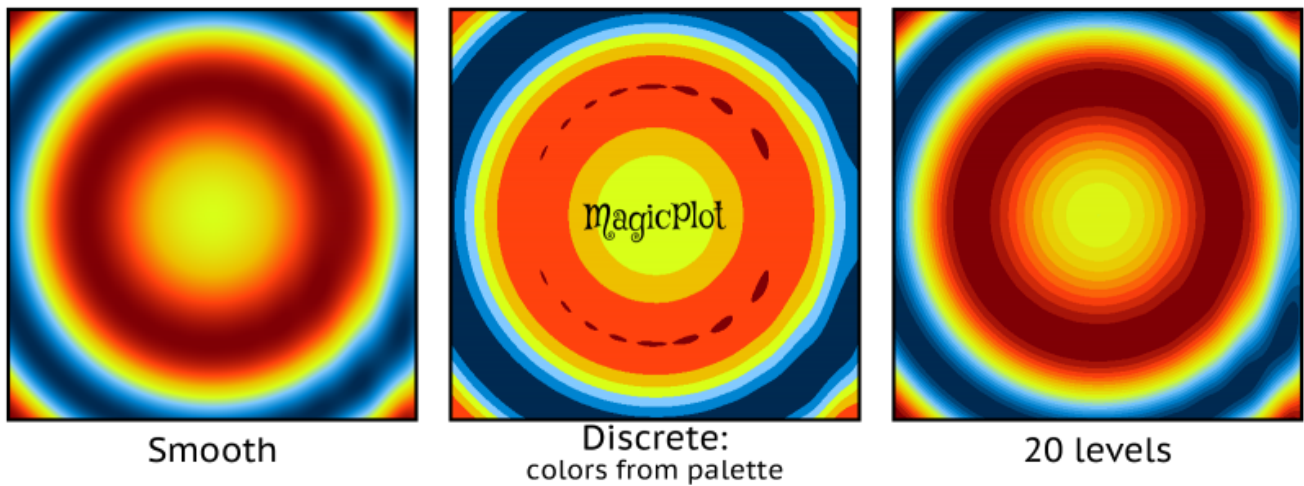
Bicubic

This image in PDF: [spatial-interpolation-demo.pdf](#)

Color Interpolation Options

MagicPlot offers 3 color interpolation options:

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



This image in PDF: [color-interpolation-demo.pdf](#)

Zooming with Mouse/Touchpad

All the standard MagicPlot navigation tools are available:

- Zooming in by selecting a region;
- Dragging with 'Hand' tool, right mouse button works with other tools;
- Mouse wheel vertical scrolling, horizontal scrolling with Shift;
- Ctrl+scroll – vertical scale adjustment;
- Ctrl+Shift+scroll – horizontal scale adjustment;
- Left mouse button + scroll – proportional scaling.

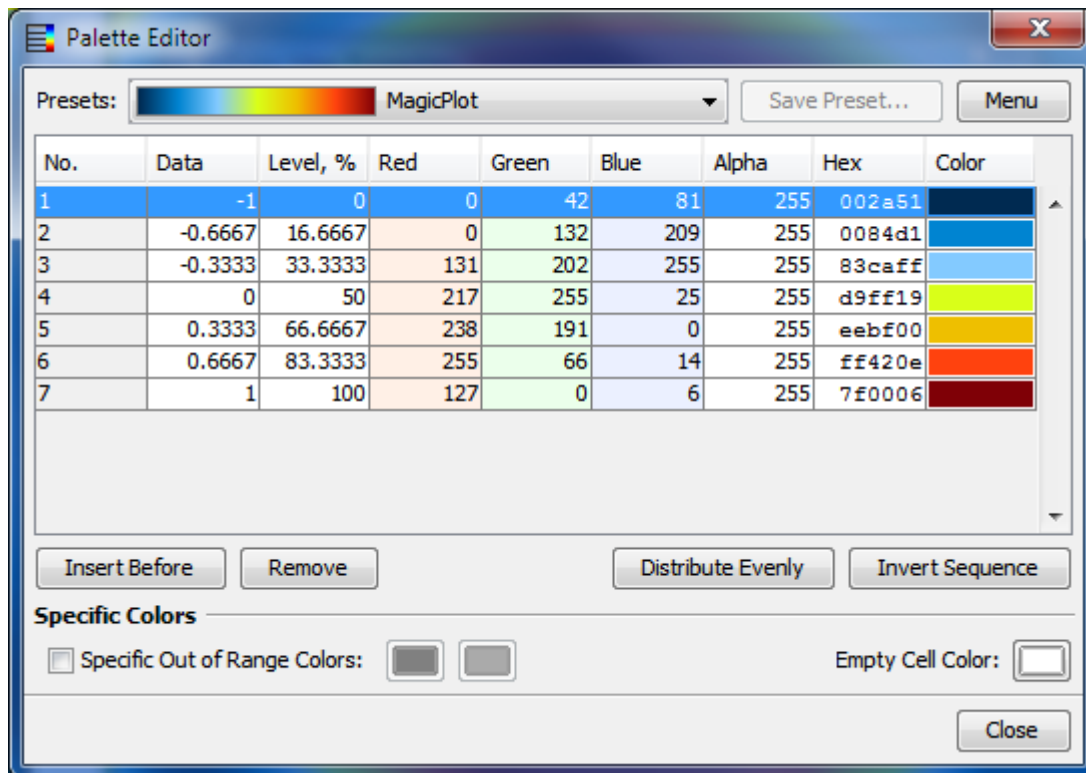
Fast rendering of large tables

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

Palette Customization and Presets Saving

MagicPlot supports saving of color map palette presets. These presets are stored in .mppc files.

See also: [Additional Color Map Palettes](#).



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. The full list can be found in [release notes](#).

[Download MagicPlot](#)

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