



Screen Ruler 2D

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Screen Ruler 2D is a ruler for the desktop which measures in 2 dimensions (horizontal and vertical). Furthermore, an integrated color picker shows the color under the selected corner mark in different color systems and the window information panel provides technical information about the underlying window (**3 in 1**). Additionally, a built-in magnifier and the direct positioning aids allow to position the ruler pixel accurately simply and fast.

System Requirements

Microsoft Windows™ XP/Vista/7/8/10/11, 32 + 64 bit

Program space on hard disk: about 1 MB

Installation

The program can be installed and uninstalled easily. No modification of the operating system will be taken. To install start the setup program named „ScreenRuler2DSetupEN.exe “. After installing there will be a new program group in the Windows start menu with the entries „Start Screen Ruler 2D“, „Manual“ and „Uninstall“.

License

The program is offered as freeware without any warranty or liability.
(Details in the separate license file.)

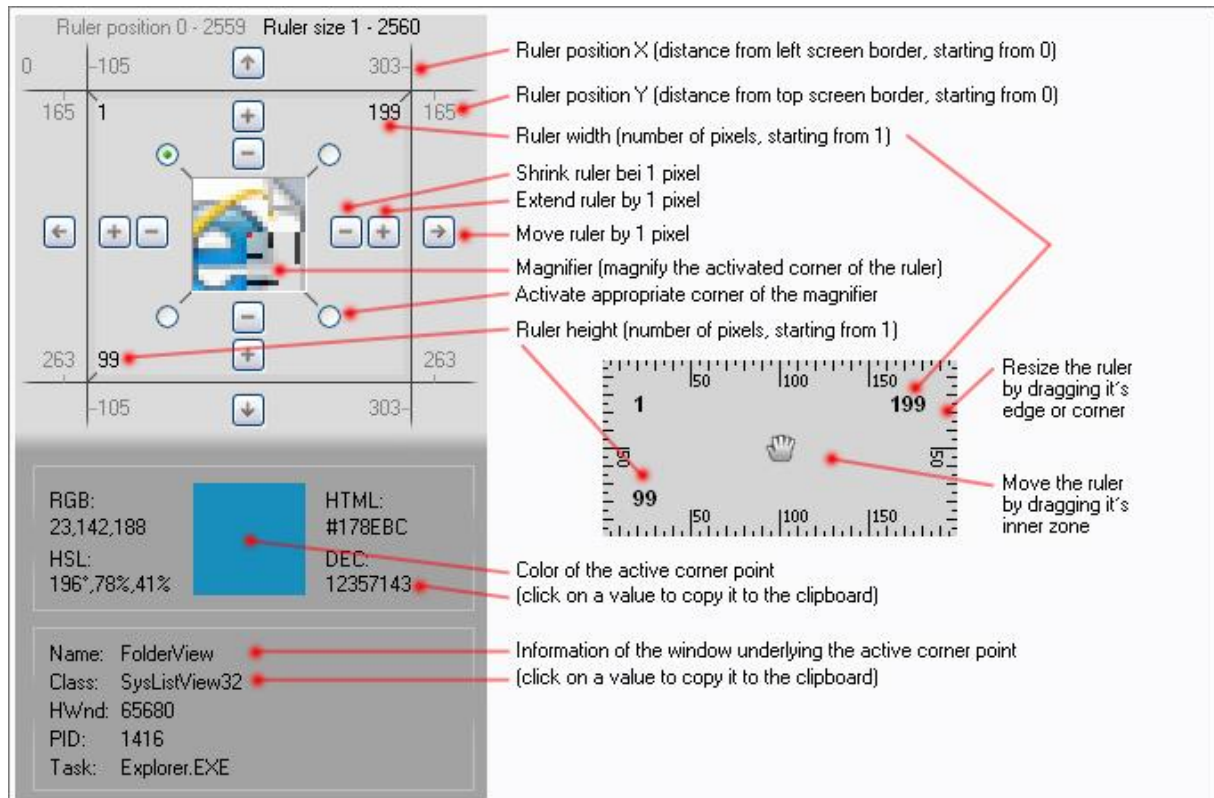
Features

- ✓ Translucent 2-dimensional ruler which can be adjusted horizontal and vertical in size and positioned anywhere on the screen.
- ✓ At each edge of the rectangular ruler scalable guides are available.
- ✓ Display of width and height of the adjusted ruler (pixel).
- ✓ Display of the positions of all ruler edges with regard to the desktop coordinates.
- ✓ Positioning aids (buttons) enabling to move or extend/shrink the ruler by one pixel to each side.
- ✓ Positioning of ruler by buttons or cursor keys (right, left, top, down).
- ✓ Extending of ruler by buttons or cursor keys (shift + right, left, top, down).
- ✓ Shrinking of ruler by buttons or cursor keys (ctrl + right, left, top, down).
- ✓ Magnifier for accurate positioning of the ruler at each of the four corners.
- ✓ Color picker at the selected corner of the ruler in four different color systems: RGB Values (Red/Green/Blue), HSL Values (Hue/Saturation/Lightness), HTML (hexadecimal Web colors), DEC (decimal color value).
- ✓ Display of further information regarding the window under the active corner mark: name and class of window, window handle, process ID, relating task.
- ✓ Setting to keep window always on top.
- ✓ Setting to hide/show tooltips.
- ✓ Short guide providing information about the most important control elements.
- ✓ Manual in PDF format.
- ✓ Installation program installs automatically the 32 or 64 Bit version of the program according to the relating operating system.

Control Elements

The program consists of two different windows: One window shows the translucent ruler which can be extended or shrunk on each side and be positioned anywhere on the screen. The second window figures as control window providing the positioning aids, the magnifier, the color picker and the window information.

Short description of the most important control elements:



To minimize the ruler and the control window just double-click on the ruler.

Application

After launching the program two windows appear: the freely scalable and positionable ruler and the control window.

Ruler



The translucent ruler can be adjusted in 2 dimensions in size (horizontal and vertical) and can be positioned at any point on the screen.

To minimize the ruler and the control window just double-click on the ruler.

In order to **resize** the ruler drag the edge regions of the guides (left, right, top, down) to the requested direction. By dragging the corners two sides can be adjusted simultaneously.

In order to **position** the ruler point your mouse in the centre of the ruler and drag it to the requested position on your screen.

The value in the top right corner shows the **width of the ruler** in pixels.

The value in the bottom left corner shows the **height of the ruler** in pixels.

The ruler can be positioned with pinpoint accuracy on the edge of the screen without leaving the visible area of the desktop.

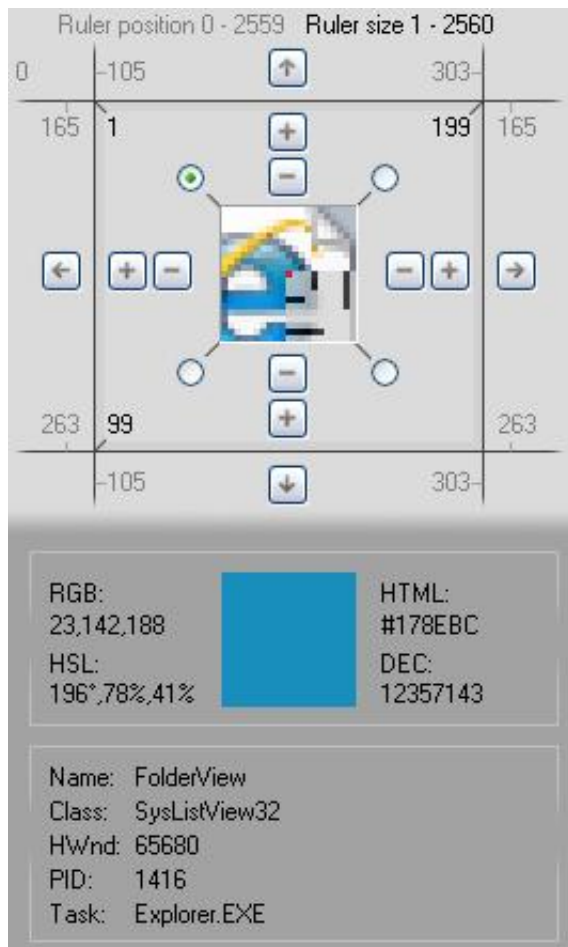
Positioning the ruler by cursor keys: left, right, top, down.

Extending the ruler by cursor keys: shift + left, right, top, down.

Shrinking the ruler by cursor keys: ctrl + left, right, top, down.

Enhanced positioning aids and the corner magnifier are available in the control window specified below.

Control Window



The control window contains the position indicator (ruler position), displays the size of the window (ruler size) and provides the magnifier, the color picker and additional window information.

The **ruler position** (gray) is shown for each edge of the ruler, x-coordinate from the left screen edge, y-coordinate from the top screen edge. Origin point/pixel on the top left of the screen is 0/0, i.e. counting starts from 0. In the example (see left) the left edge of the ruler is positioned at X = 105, the right edge of the ruler is positioned at X = 303, the top edge at position Y = 165, the bottom edge at position Y = 263.

The **ruler size** (black) of the window indicates the adjusted width and height of the ruler. The value top right shows the width, the value bottom left the height. The size is indicated in number of pixels, starting with 1. In the example (see left) the width of the ruler is 199 pixels and the height is 99 pixels.

The **positioning aids** are available as buttons for each side of the ruler.

The arrow keys move the ruler as a whole by one pixel to the requested direction (the size of the ruler remains unchanged).

The plus (+) keys extend the ruler by one pixel at the corresponding side.

The minus (-) keys shrink the ruler by one pixel at the corresponding side.

The **magnifier** simplifies the accurate positioning of the ruler. By clicking on one of the four corner points the relating corner is selected and can be displayed enlarged (when clicking on the magnifier itself always the top left corner is selected). The relevant corner pixel is shown as a small red square within the magnifier.

The **color picker** always shows the color under the red framed corner pixel. The values displayed show the color in different color systems: RGB Values (Red/Green/Blue), HSL Values (Hue/Saturation/Lightness), HTML (hexadecimal Web colors), DEC (decimal color value). The values can be copied to clipboard by a single mouse click on the value.

The **window information** provides technical data regarding the window under the red framed corner pixel, as: window name, window class, window handle, relating process ID and task. The values can be copied to clipboard by a single mouse click on the value.

At any time the control window can be minimized to the taskbar. At the same time the ruler is going to be hidden and will show up when restoring the control window again.

In the menu "Settings" with the option "Window always on top" it can be defined whether the control window should stay permanently in the foreground. Independently from this setting the ruler remains always in the foreground.

In the menu "Settings" with the option "Show Tooltips" it can be defined whether useful tooltips should be shown when pointing with the mouse on the control elements.

Contact

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