

# wStyle

wStyle es un componente no visual que nos permite tratar con las propiedades Style de HTML de una manera cómoda y sin posibilidad de errores de escritura de las mismas.

Todos los controles visuales tienen una propiedad **oStyle** que es un objeto de la clase wStyle.

Por defecto todas las propiedades están a Nil por lo que no se aplicara Style al control.

Información en el Web <https://w3schools.com/cssref/>

## Propiedades

| Nombre                     | Propiedad_Style_HTML__    | Descripción   |
|----------------------------|---------------------------|---|
| <b>A</b>                   |                           |   |
| cAlign                     | align                     | Specifies the alignment between the lines inside a flexible cOntainer when the items do not use all available space |
| cAlign_items               | align-items               | Specifies the alignment for items inside a flexible cOntainer   |
| cAlign_self                |                           | Specifies the alignment for selected items inside a flexible cOntainer  |
| cAnimation                 |                           | A shorthand property for all the animation-* properties   |
| cAnimation_delay           |                           | Specifies a delay for the start of an animation   |
| cAnimation_direction       |                           | Specifies whether an animation should be played forwards, backwards or in alternate cycles                          |
| cAnimation_duration        |                           | Specifies how long an animation should take to cOmplete one cycle   |
| cAnimation_fill_mode       |                           | Specifies a style for the element when the animation is not playing (before it starts, after it ends, or both)      |
| cAnimation_iteration_count |                           | Specifies the number of times an animation should be played   |
| cAnimation_name            |                           | Specifies a name for the @keyframes animation   |
| cAnimation_play_state      |                           | Specifies whether the animation is running or paused  |
| cAnimation_timing_function | animation-timing-function | Specifies the speed curve of an animation   |
| <b>B</b>                   |                           |   |
| cBackface_visibility       |                           | Defines whether or not the back face of an element should be visible when facing the user                           |
| cBackground                |                           | A shorthand property for all the background-* properties  |

| Nombre                      | Propiedad_Style_HTML__ | Descripción   |
|-----------------------------|------------------------|---|
| cBackground_attachment      |                        | Sets whether a background image scrolls with the rest of the page, or is fixed            |
| cBackground_blend_mode      |                        | Specifies the blending mode of each background layer (color/image)                        |
| cBackground_clip            |                        | Defines how far the background (color or image) should extend within an element           |
| cBackground_color           |                        | Specifies the background cOLOR of an element  |
| cBackground_image           |                        | Specifies one or more background images for an element                                    |
| cBackground_origin          |                        | Specifies the origin position of a background image                                       |
| cBackground_position        |                        | Specifies the position of a background image  |
| cBackground_repeat          |                        | Sets if/how a background image will be repeated   |
| cBackground_size            |                        | Specifies the size of the background images   |
| cBorder                     |                        | A shorthand property for border-width, border-style and border-color                      |
| cBorder_bottom              |                        | A shorthand property for border-bottom-width, border-bottom-style and border-bottom-color |
| cBorder_bottom_color        |                        | Sets the cOLOR of the bottom border   |
| cBorder_bottom_left_radius  |                        | Defines the radius of the border of the bottom-left cORner                                |
| cBorder_bottom_right_radius |                        | Defines the radius of the border of the bottom-right cORner                               |
| cBorder_bottom_style        |                        | Sets the style of the bottom border   |
| cBorder_bottom_width        |                        | Sets the width of the bottom border   |
| cBorder_collapse            |                        | Sets whether table borders should cOLLapse into a single border or be separated           |
| cBorder_color               |                        | Sets the cOLOR of the four borders  |
| cBorder_image               |                        | A shorthand property for all the border-image-* properties                                |
| cBorder_image_outset        |                        | Specifies the amount by which the border image area extends beyond the border box         |
| cBorder_image_repeat        |                        | Specifies whether the border image should be repeated, rounded or stretched               |
| cBorder_image_slice         |                        | Specifies how to slice the border image   |
| cBorder_image_source        |                        | Specifies the path to the image to be used as a border                                    |
| cBorder_image_width         |                        | Specifies the width of the border image   |
| cBorder_left                |                        | A shorthand property for all the border-left-* properties                                 |
| cBorder_left_color          |                        | Sets the cOLOR of the left border   |
| cBorder_left_style          |                        | Sets the style of the left border   |
| cBorder_left_width          |                        | Sets the width of the left border   |

| Nombre                   | Propiedad_Style_HTML__ | Descripción  |
|--------------------------|------------------------|--|
| cBorder_radius           |                        | A shorthand property for the four border-*-radius properties   |
| cBorder_right            |                        | A shorthand property for all the border-right-* properties   |
| cBorder_right_color      |                        | Sets the cOLOR of the right border   |
| cBorder_right_style      |                        | Sets the style of the right border   |
| cBorder_right_width      |                        | Sets the width of the right border   |
| cBorder_spacing          |                        | Sets the distance between the borders of adjacent cells  |
| cBorder_style            |                        | Sets the style of the four borders   |
| cBorder_top              |                        | A shorthand property for border-top-width, border-top-style and border-top-color                                     |
| cBorder_top_color        |                        | Sets the cOLOR of the top border   |
| cBorder_top_left_radius  |                        | Defines the radius of the border of the top-left cORner  |
| cBorder_top_right_radius |                        | Defines the radius of the border of the top-right cORner   |
| cBorder_top_style        |                        | Sets the style of the top border   |
| cBorder_top_width        |                        | Sets the width of the top border   |
| cBorder_width            |                        | Sets the width of the four borders   |
| cBottom                  |                        | Sets the elements position, from the bottom of its parent element  |
| cBox_decoration_break    |                        | Sets the behavior of the background and border of an element at page-break, or, for in-line elements, at line-break. |
| cBox_shadow              |                        | Attaches one or more shadows to an element   |
| cBox_sizing              |                        | Defines how the width and height of an element are calculated: should they include padding and borders, or not       |
| cBreak_after             |                        | Specifies the page-, cOLUMN-, or region-break behavior after the generated box                                       |
| cBreak_before            |                        | Specifies the page-, cOLUMN-, or region-break behavior before the generated box                                      |
| cBreak_inside            |                        | Specifies the page-, cOLUMN-, or region-break behavior inside the generated box                                      |
| <b>C</b>                 |                        |  |
| cCaption_side            |                        | Specifies the placement of a table caption   |
| cCaret_color             |                        | Specifies the cOLOR of the cursor (caret) in inputs, textareas, or any element that is editable                      |
| cCharset                 | @charset               | Specifies the character encoding used in the style sheet   |
| cClear                   |                        | Specifies on which sides of an element floating elements are not allowed to float                                    |
| cClip                    |                        | clips an absolutely positioned element   |
| cColor                   |                        | Sets the cOLOR of text   |
| cColumn_count            |                        | Specifies the number of cOLUMNS an element should be divided into  |

| Nombre             | Propiedad_Style_HTML__ | Descripción   |
|--------------------|------------------------|---|
| cColumn_fill       |                        | Specifies how to fill cOlumns, balanced or not  |
| cColumn_gap        |                        | Specifies the gap between the cOlumns   |
| cColumn_rule       |                        | A shorthand property for all the cOolumn-rule-* properties                                      |
| cColumn_rule_color |                        | Specifies the cOlor of the rule between cOlumns   |
| cColumn_rule_style |                        | Specifies the style of the rule between cOlumns   |
| cColumn_rule_width |                        | Specifies the width of the rule between cOlumns   |
| cColumn_span       |                        | Specifies how many cOlumns an element should span across  |
| cColumn_width      |                        | Specifies the cOolumn width   |
| cColumns           |                        | A shorthand property for cOolumn-width and cOolumn-count  |
| cContent           |                        | Used with the :before and :after pseudo-elements, to insert generated cOntent                   |
| cCounter_increment |                        | Increases or decreases the value of one or more cSS cOunters                                    |
| cCounter_reset     |                        | creates or resets one or more cSS cOunters  |
| cCursor            |                        | Specifies the mouse cursor to be displayed when pointing over an element                        |
| <b>D/E</b>         |                        |   |
| cDirection         |                        | Specifies the text direction/writing direction  |
| cDisplay           |                        | Specifies how a certain HTML element should be displayed  |
| cEmpty_cells       |                        | Specifies whether or not to display borders and background on empty cells in a table            |
| <b>F</b>           |                        |   |
| cFilter            |                        | Defines effects (e.g. blurring or cOlor shifting) on an element before the element is displayed |
| cFlex              |                        | A shorthand property for the flex-grow, flex-shrink, and the flex-basis properties              |
| cFlex_basis        |                        | Specifies the initial length of a flexible item   |
| cFlex_direction    |                        | Specifies the direction of the flexible items   |
| cFlex_flow         |                        | A shorthand property for the flex-direction and the flex-wrap properties                        |
| cFlex_grow         |                        | Specifies how much the item will grow relative to the rest                                      |
| cFlex_shrink       |                        | Specifies how the item will shrink relative to the rest   |
| cFlex_wrap         |                        | Specifies whether the flexible items should wrap or not   |
| cFloat             |                        | Specifies whether or not a box should float   |

| Nombre                   | Propiedad_Style_HTML__ | Descripción   |
|--------------------------|------------------------|---|
| cFont                    |                        | A shorthand property for the font-style, font-variant, font-weight, font-size/line-height, and the font-family properties   |
| cFont_face               | @font-face             | A rule that allows websites to download and use fonts other than the “web-safe” fonts   |
| cFont_family             |                        | Specifies the font family for text  |
| cFont_feature_settings   |                        | Allows cOntrol over advanced typographic features in OpenType fonts   |
| cFont_feature_values     | @font-feature-values   | Allows authors to use a cOmmon name in font-variant-alternate for feature activated differently in OpenType   |
| cFont_kerning            |                        | cOntrols the usage of the kerning information (how letters are spaced)  |
| cFont_language_override  |                        | cOntrols the usage of language-specific glyphs in a typeface  |
| cFont_size               |                        | Specifies the font size of text   |
| cFont_size_adjust        |                        | Preserves the readability of text when font fallback occurs   |
| cFont_stretch            |                        | Selects a normal, cOndensed, or expanded face from a font family  |
| cFont_style              |                        | Specifies the font style for text   |
| cFont_synthesis          |                        | cOntrols which missing typefaces (bold or italic) may be synthesized by the browser   |
| cFont_variant            |                        | Specifies whether or not a text should be displayed in a small-caps font  |
| cFont_variant_alternates |                        | cOntrols the usage of alternate glyphs associated to alternative names defined in @font-feature-values  |
| cFont_variant_caps       |                        | cOntrols the usage of alternate glyphs for capital letters  |
| cFont_variant_east_asian |                        | cOntrols the usage of alternate glyphs for East Asian scripts (e.g Japanese and chinese)  |
| cFont_variant_ligatures  |                        | cOntrols which ligatures and cOntextual forms are used in textual cOntent of the elements it applies to   |
| cFont_variant_numeric    |                        | cOntrols the usage of alternate glyphs for numbers, fractions, and ordinal markers  |
| cFont_variant_position   |                        | cOntrols the usage of alternate glyphs of smaller size positioned as superscript or subscript regarding the baseline of the font                                  |
| cFont_weight             |                        | Specifies the weight of a font  |
| <b>G</b>                 |                        |   |
| cGrid                    |                        | A shorthand property for the grid-template-rows, grid-template-columns, grid-template-areas, grid-auto-rows, grid-auto-columns, and the grid-auto-flow properties |

| Nombre                 | Propiedad_Style_HTML__ | Descripción   |
|------------------------|------------------------|---|
| cGrid_area             |                        | Either specifies a name for the grid item, or this property is a shorthand property for the grid-row-start, grid-column-start, grid-row-end, and grid-column-end properties |
| cGrid_auto_columns     |                        | Specifies a default cOlmn size  |
| cGrid_auto_flow        |                        | Specifies how auto-placed items are inserted in the grid  |
| cGrid_auto_rows        |                        | Specifies a default row size  |
| cGrid_column           |                        | A shorthand property for the grid-column-start and the grid-column-end properties   |
| cGrid_column_end       |                        | Specifies where to end the grid item  |
| cGrid_column_gap       |                        | Specifies the size of the gap between cOlmns  |
| cGrid_column_start     |                        | Specifies where to start the grid item  |
| cGrid_gap              |                        | A shorthand property for the grid-row-gap and grid-column-gap properties  |
| cGrid_row              |                        | A shorthand property for the grid-row-start and the grid-row-end properties   |
| cGrid_row_end          |                        | Specifies where to end the grid item  |
| cGrid_row_gap          |                        | Specifies the size of the gap between rows  |
| cGrid_row_start        |                        | Specifies where to start the grid item  |
| cGrid_template         |                        | A shorthand property for the grid-template-rows, grid-template-columns and grid-areas properties  |
| cGrid_template_areas   |                        | Specifies how to display cOlmns and rows, using named grid items  |
| cGrid_template_columns |                        | Specifies the size of the cOlmns, and how many cOlmns in a grid layout  |
| cGrid_template_rows    |                        | Specifies the size of the rows in a grid layout   |
| <b>H</b>               |                        |   |
| cHanging_punctuation   |                        | Specifies whether a punctuation character may be placed outside the line box  |
| cHeight                |                        | Sets the height of an element   |
| cHyphens               |                        | Sets how to split words to improve the layout of paragraphs   |
| <b>I</b>               |                        |   |
| cImage_rendering       |                        | Gives a hint to the browser about what aspects of an image are most important to preserve when the image is scaled  |
| cImport                | @import                | Allows you to import a style sheet into another style sheet   |
| cIsolation             |                        | Defines whether an element must create a new stacking cOntent   |
| <b>J/K</b>             |                        |   |
| cJustify_content       |                        | Specifies the alignment between the items inside a flexible cOntainer when the items do not use all available space   |
| cKeyframes             | @keyframes             | Specifies the animation cOde  |

| Nombre               | Propiedad_Style_HTML__ | Descripción   |
|----------------------|------------------------|---|
| <b>L</b>             |                        |   |
| cLeft                |                        | Specifies the left position of a positioned element   |
| cLetter_spacing      |                        | Increases or decreases the space between characters in a text   |
| cLine_break          |                        | Specifies how/if to break lines   |
| cLine_height         |                        | Sets the line height  |
| cList_style          |                        | Sets all the properties for a list in one declaration   |
| cList_style_image    |                        | Specifies an image as the list-item marker  |
| cList_style_position |                        | Specifies the position of the list-item markers (bullet points)   |
| cList_style_type     |                        | Specifies the type of list-item marker  |
| <b>M</b>             |                        |   |
| cMargin              |                        | Sets all the margin properties in one declaration   |
| cMargin_bottom       |                        | Sets the bottom margin of an element  |
| cMargin_left         |                        | Sets the left margin of an element  |
| cMargin_right        |                        | Sets the right margin of an element   |
| cMargin_top          |                        | Sets the top margin of an element   |
| cMax_height          |                        | Sets the maximum height of an element   |
| cMax_width           |                        | Sets the maximum width of an element  |
| cMedia               | @media                 | Sets the style rules for different media types/devices/sizes  |
| cMin_height          |                        | Sets the minimum height of an element   |
| cMin_width           |                        | Sets the minimum width of an element  |
| cMix_blend_mode      |                        | Specifies how an element's cOntent should blend with its direct parent background                                     |
| <b>O</b>             |                        |   |
| cObject_fit          |                        | Specifies how the cOntents of a replaced element should be fitted to the box established by its used height and width |
| cObject_position     |                        | Specifies the alignment of the replaced element inside its box  |
| cOpacity             |                        | Sets the opacity level for an element   |
| cOrder               |                        | Sets the order of the flexible item, relative to the rest   |
| cOrphans             |                        | Sets the minimum number of lines that must be left at the bottom of a page when a page break occurs inside an element |
| cOutline             |                        | A shorthand property for the outline-width, outline-style, and the outline-color properties                           |
| cOutline_color       |                        | Sets the cOLOR of an outline  |
| cOutline_offset      |                        | Offsets an outline, and draws it beyond the border edge   |
| cOutline_style       |                        | Sets the style of an outline  |
| cOutline_width       |                        | Sets the width of an outline  |

| Nombre              | Propiedad_Style_HTML__ | Descripción   |
|---------------------|------------------------|---|
| cOverflow           |                        | Specifies what happens if cContent overflows an element's box   |
| cOverflow_wrap      |                        | Specifies whether or not the browser may break lines within words in order to prevent overflow (when a string is too long to fit its cContaining box) |
| cOverflow_x         |                        | Specifies whether or not to clip the left/right edges of the cContent, if it overflows the element's cContent area                                    |
| <b>P</b>            |                        |   |
| cPadding            |                        | A shorthand property for all the padding-* properties   |
| cPadding_bottom     |                        | Sets the bottom padding of an element   |
| cPadding_left       |                        | Sets the left padding of an element   |
| cPadding_right      |                        | Sets the right padding of an element  |
| cPadding_top        |                        | Sets the top padding of an element  |
| cPage_break_after   |                        | Sets the page-break behavior after an element   |
| cPage_break_before  |                        | Sets the page-break behavior before an element  |
| cPage_break_inside  |                        | Sets the page-break behavior inside an element  |
| cPerspective        |                        | Gives a 3D-positioned element some perspective  |
| cPerspective_origin |                        | Defines at which position the user is looking at the 3D-positioned element  |
| cPointer_events     |                        | Defines whether or not an element reacts to pointer events  |
| cPosition           |                        | Specifies the type of positioning method used for an element (static, relative, absolute or fixed)  |
| <b>Q/R/S</b>        |                        |   |
| cQuotes             |                        | Sets the type of quotation marks for embedded quotations  |
| cResize             |                        | Defines if (and how) an element is resizable by the user  |
| cRight              |                        | Specifies the right position of a positioned element  |
| cScroll_behavior    |                        | Specifies whether to smoothly animate the scroll position in a scrollable box, instead of a straight jump   |
| <b>T</b>            |                        |   |
| cTab_size           |                        | Specifies the width of a tab character  |
| cTable_layout       |                        | Defines the algorithm used to lay out table cells, rows, and cColumns   |
| cText_align         |                        | Specifies the horizontal alignment of text  |
| cText_align_last    |                        | Describes how the last line of a block or a line right before a forced line break is aligned when text-align is "justify"                             |



| Nombre                      | Propiedad_Style_HTML__ | Descripción   |
|-----------------------------|------------------------|---|
| cText_combine_upright       |                        | Specifies the cOmbination of multiple characters into the space of a single character   |
| cText_decoration            |                        | Specifies the decoration added to text  |
| cText_decoration_color      |                        | Specifies the cOLor of the text-decoration  |
| cText_decoration_line       |                        | Specifies the type of line in a text-decoration   |
| cText_decoration_style      |                        | Specifies the style of the line in a text decoration  |
| cText_indent                |                        | Specifies the indentation of the first line in a text-block   |
| cText_justify               |                        | Specifies the justification method used when text-align is "justify"  |
| cText_orientation           |                        | Defines the orientation of the text in a line   |
| cText_overflow              |                        | Specifies what should happen when text overflows the cOntaining element   |
| cText_shadow                |                        | Adds shadow to text   |
| cText_transform             |                        | cOntrols the capitalization of text   |
| cText_underline_position    |                        | Specifies the position of the underline which is set using the text-decoration property   |
| cTop                        |                        | Specifies the top position of a positioned element  |
| cTransform                  |                        | Applies a 2D or 3D transformation to an element   |
| cTransform_origin           |                        | Allows you to change the position on transformed elements   |
| cTransform_style            |                        | Specifies how nested elements are rendered in 3D space  |
| cTransition                 |                        | A shorthand property for all the transition-* properties  |
| cTransition_delay           |                        | Specifies when the transition effect will start   |
| cTransition_duration        |                        | Specifies how many seconds or milliseconds a transition effect takes to cOmplete  |
| cTransition_property        |                        | Specifies the name of the cSS property the transition effect is for   |
| cTransition_timing_function |                        | Specifies the speed curve of the transition effect  |
| <b>U/V</b>                  |                        |   |
| cUnicode_bidi               |                        | Used together with the direction property to set or return whether the text should be overridden to support multiple languages in the same document |
| cUser_select                |                        | Specifies whether the text of an element can be selected  |
| cVertical_align             |                        | Sets the vertical alignment of an element   |

| Nombre        | Propiedad_Style_HTML__ | Descripción  |
|---------------|------------------------|--|
| cVisibility   |                        | Specifies whether or not an element is visible   |
| <b>W</b>      |                        |  |
| cWhite_space  |                        | Specifies how white-space inside an element is handled   |
| cWidows       |                        | Sets the minimum number of lines that must be left at the top of a page when a page break occurs inside an element |
| cWidth        |                        | Sets the width of an element   |
| cWord_break   |                        | Specifies how words should break when reaching the end of a line   |
| cWord_spacing |                        | Increases or decreases the space between words in a text   |
| cWord_wrap    |                        | Allows long, unbreakable words to be broken and wrap to the next line  |
| cWriting_mode |                        | Specifies whether lines of text are laid out horizontally or vertically  |
| <b>Z</b>      |                        |  |
| cZ_index      |                        | Sets the stack order of a positioned element   |

## Métodos

| Nombre                   | Descripción   |
|--------------------------|---|
| <a href="#">addMedia</a> | Objeto de la clase <a href="#">wStyleItem</a> para el manejo de <a href="#">media queries</a> |

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