# 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 |
|---|---|---|
| **A** | | |
| 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 | align-self | Specifies the alignment for selected items inside a flexible cOntainer |
| cAnimation | animation | A shorthand property for all the animation-* properties |
| cAnimation_delay | animation-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** | | |
| 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 |
| cBackground_attachment | | Sets whether a background image scrolls with the rest of the page, or is fixed |

| Nombre | Propiedad Style HTML | Descripción |
|---|---|---|
| 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 |
| 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 |

| Nombre | Propiedad Style HTML | Descripción |
|---|---|---|
| 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 |
| **C** | | |
| 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 |
| 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 cOlumn-rule-* properties |

| Nombre | Propiedad Style HTML | Descripción |
|---|---|---|
| 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 cOlumn width |
| cColumns | | A shorthand property for cOlumn-width and cOlumn-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 |
| **D/E** | | |
| 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 |
| **F** | | |
| 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 |
| 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 |

| Nombre | Propiedad Style HTML | Descripción |
|---|---|---|
| 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 |
| **G** | | |
| 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 |
| 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 cOlumn 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 |

| Nombre | Propiedad Style HTML | Descripción |
|---|---|---|
| cGrid_column_gap | | Specifies the size of the gap between cOlumns |
| 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 cOlumns and rows, using named grid items |
| cGrid_template_columns | | Specifies the size of the cOlumns, and how many cOlumns in a grid layout |
| cGrid_template_rows | | Specifies the size of the rows in a grid layout |
| **H** | | |
| 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 |
| **I** | | |
| 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 |
| **J/K** | | |
| 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 |
| **L** | | |
| 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 |

| Nombre | Propiedad Style HTML | Descripción |
|---|---|---|
| cList_style_position | | Specifies the position of the list-item markers (bullet points) |
| cList_style_type | | Specifies the type of list-item marker |
| **M** | | |
| 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 |
| **O** | | |
| 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 |
| cOverflow | | Specifies what happens if cOntent 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 cOntaining box) |
| cOverflow_x | | Specifies whether or not to clip the left/right edges of the cOntent, if it overflows the element's cOntent area |
| **P** | | |

| Nombre | Propiedad Style HTML | Descripción |
|---|---|---|
| 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) |
| **Q/R/S** | | |
| 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 |
| **T** | | |
| cTab_size | | Specifies the width of a tab character |
| cTable_layout | | Defines the algorithm used to lay out table cells, rows, and cOlumns |
| 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” |
| 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 |

| Nombre | Propiedad Style HTML | Descripción |
|---|---|---|
| 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 |
| **U/V** | | |
| 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 |
| cVisibility | | Specifies whether or not an element is visible |
| **W** | | |
| 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 |

| Nombre | Propiedad Style HTML | Descripción |
|---|---|---|
| cWriting_mode | | Specifies whether lines of text are laid out horizontally or vertically |
| **Z** | | |
| cZ_index | | Sets the stack order of a positioned element |

# Métodos

| Nombre | Descripción |
|---|---|
| addMedia | Objeto de la clase wStyleItem para el manejo de media queries |

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