

# GESTIONE DEL BACKGROUND

# Background

- background-color
  - opacity
- Immagini nel background
  - background-image
  - background-repeat
  - background-position
  - background-attachment

# Colore del background

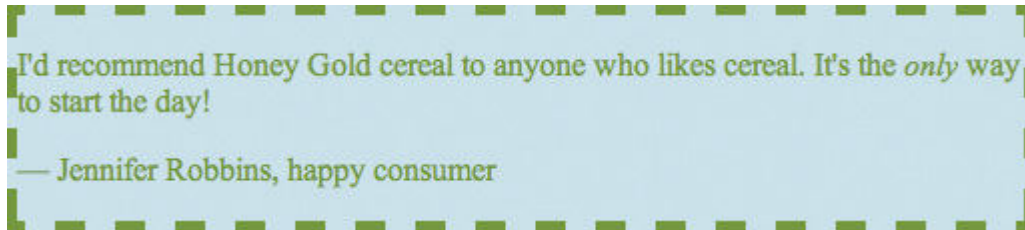
## background-color

**Values:** color value (name or numeric) | transparent | inherit

**Default:** transparent

**Applies to:** all elements

**Inherits:** no



```
blockquote {
  border: 4px dashed;
  color: #508C19;
  background-color: #B4DBE6;
}
```

- Attenti alla leggibilità

# Trasparenza

## opacity

NEW IN CSS3

**Values:** *number (0 to 1)*

**Default:** 1

**Applies to:** *all elements*

**Inherits:** *no*

```
h1 {color: green; background: white; opacity: .25;}
```

```
h1 {color: green; background: white; opacity: .5;}
```

```
h1 {color: green; background: white; opacity: 1;}
```

Playing with opacity

Playing with opacity

Playing with opacity

opacity: .25

opacity: .5

opacity: 1

# Immagini per bg

## background-image

**Values:** url (location of image) | none | inherit

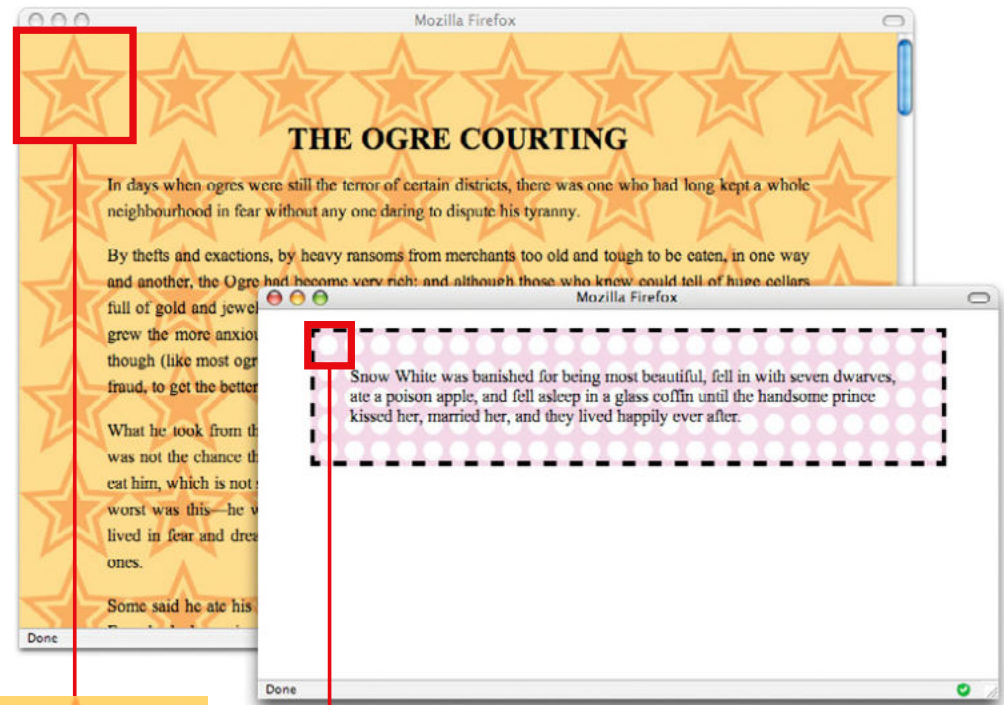
**Default:** none

**Applies to:** all elements

**Inherits:** no

```
body {
  background-image: url(star.gif);
}

blockquote {
  background-image: url(dot.gif);
  padding: 2em;
  border: 4px dashed;
}
```



star.gif (100 x 96 pixels)



dot.gif (24 x 24 pixels)

# Gestire il tiling

## background-repeat

**Values:** repeat | repeat-x | repeat-y | no-repeat | inherit

**Default:** repeat

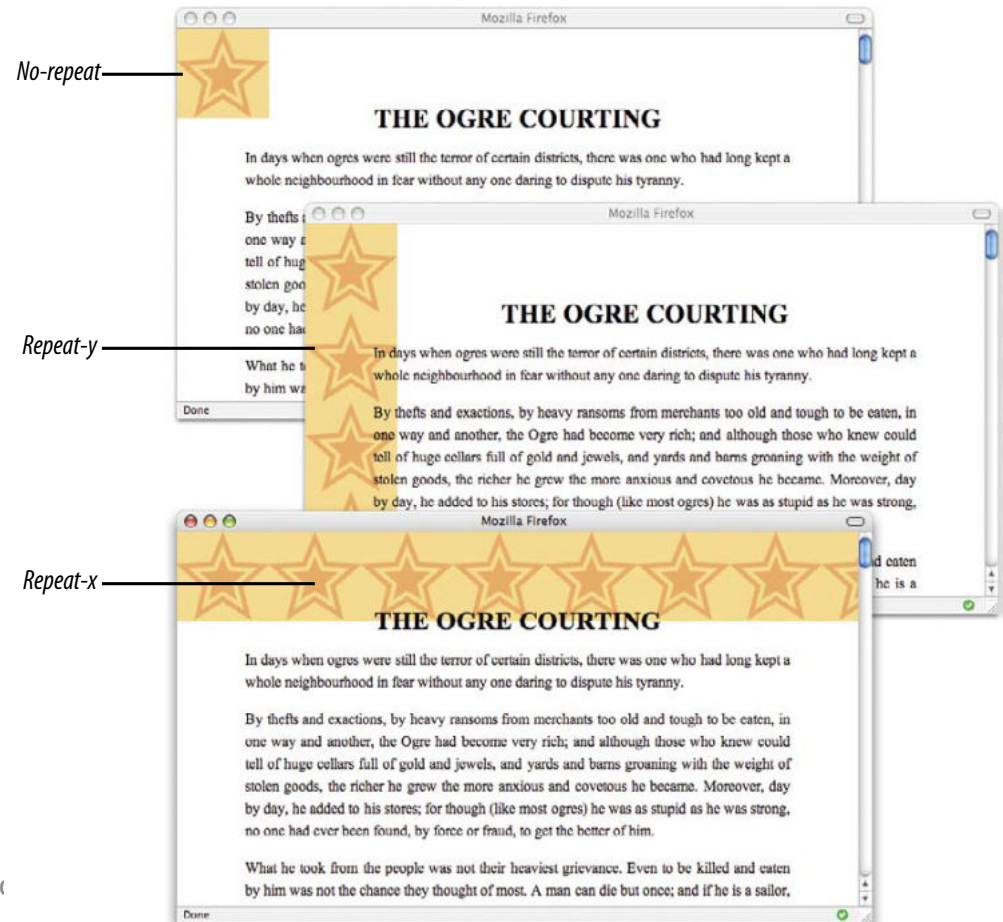
**Applies to:** all elements

**Inherits:** no

```
body {
  background-image: url(star.gif);
  background-repeat: no-repeat;
}
```

```
body {
  background-image: url(star.gif);
  background-repeat: repeat-x;
}
```

```
body {
  background-image: url(star.gif);
  background-repeat: repeat-y;
}
```



# Posizione del bg

## background-position

**Values:** *length measurement | percentage | left | center | right | top | bottom | inherit*

**Default:** 0% 0% (*same as left top*)

**Applies to:** *all elements*

**Inherits:** *no*

`background-position: 200px 50px;`

`background-position: 15% 100%;`

Snow White was banished for being most beautiful, fell in with seven dwarves, ate a poison apple, and fell asleep in a glass coffin until the handsome prince kissed her, married her, and they lived happily ever after.

Snow White was banished for being most beautiful, fell in with seven dwarves, ate a poison apple, and fell asleep in a glass coffin until the handsome prince kissed her, married her, and they lived happily ever after.

Snow White was banished for being most beautiful, fell in with seven dwarves, ate a poison apple, and fell asleep in a glass coffin until the handsome prince kissed her, married her, and they lived happily ever after.

Snow White was banished for being most beautiful, fell in with seven dwarves, ate a poison apple, and fell asleep in a glass coffin until the handsome prince kissed her, married her, and they lived happily ever after.



# Gestione dello scroll

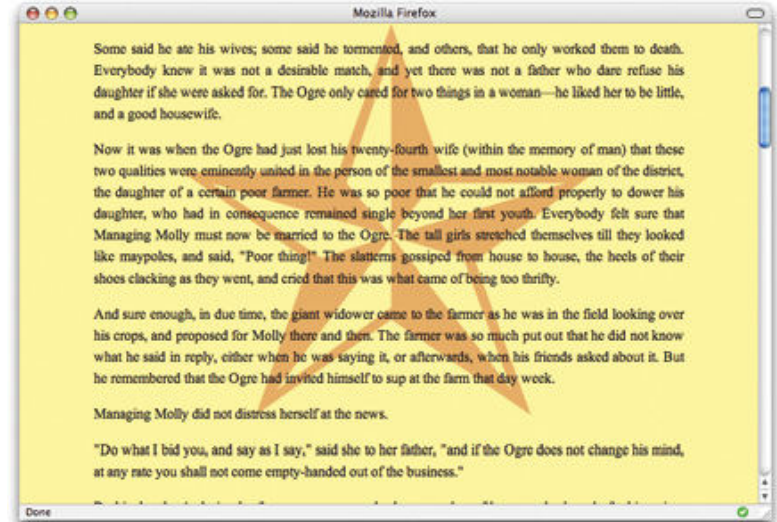
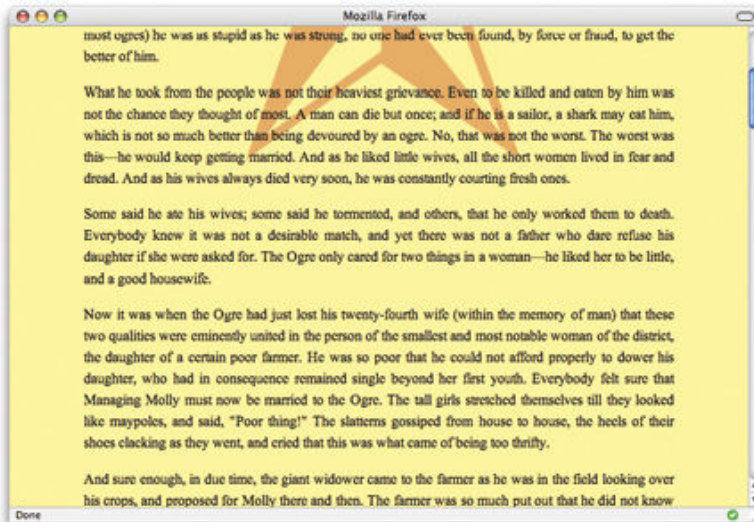
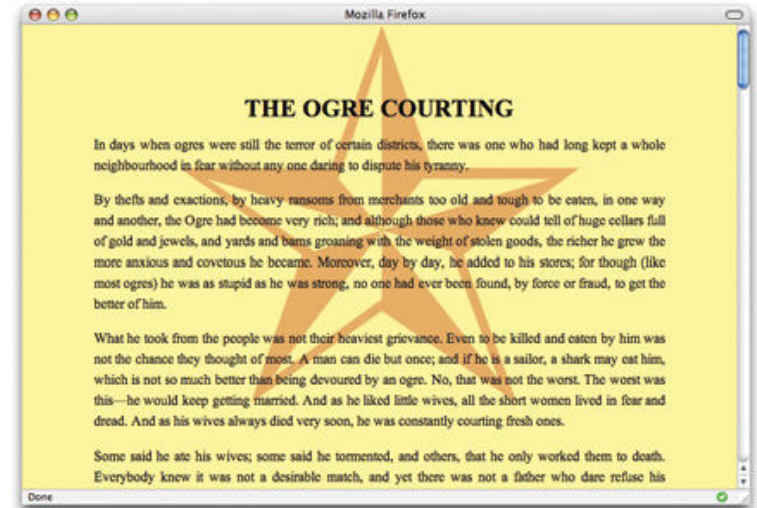
## background-attachment

**Values:** scroll | fixed | local (*new in CSS3*) | inherit

**Default:** scroll

**Applies to:** all elements

**Inherits:** no





# Proprietà background

## background

**Values:** *background-color background-image background-repeat background-attachment background-position | inherit*

**Default:** *see individual properties*

**Applies to:** *all elements*

**Inherits:** *no*

```
body { background: white url(arlo.png) no-repeat right top fixed; }
```

```
body {  
  background-color: white;  
  background-image: url(arlo.png);  
  background-repeat: no-repeat;  
  background-position: right top;  
  background-attachment: fixed;  
}
```

# Esercizio BG + Esempi

- Esempi con ogre-bg.html
- Esempi con bg fisso



# LISTE

# Stile per liste

- **list-style-type**
- **list-style-position**
- **list-style-image**

[https://www.w3schools.com/css/css\\_list.asp](https://www.w3schools.com/css/css_list.asp)

# Tipo di lista

## list-style-type

**Values:** none | disc | circle | square | decimal | decimal-leading-zero | lower-alpha | upper-alpha | lower-latin | upper-latin | lower-roman | upper-roman | lower-greek | inherit

**Default:** disc

**Applies to:** ul, ol, and li (or elements whose display value is list-item)

**Inherits:** yes

- disc*
- crimson
  - cobalt
  - veridian
  - umber
  - ultramarine

- circle*
- crimson
  - cobalt
  - veridian
  - umber
  - ultramarine

Keyword	System
decimal	1, 2, 3, 4, 5...
decimal-leading-zero	01, 02, 03, 04, 05...
lower-alpha	a, b, c, d, e...
upper-alpha	A, B, C, D, E...
lower-latin	a, b, c, d, e... (same as lower-alpha)
upper-latin	A, B, C, D, E... (same as upper-alpha)
lower-roman	i, ii, iii, iv, v...
upper-roman	I, II, III, IV, V...
lower-greek	α, β, γ, δ, ε...



# Posizione marker

## list-style-position

**Values:** inside | outside | inherit

**Default:** outside

**Applies to:** ul, ol, and li (or elements whose display value is list-item)

**Inherits:** yes

Outside

- crimson
- cobalt
- veridian
- umber
- ultramarine

Inside

- crimson
- cobalt
- veridian
- umber
- ultramarine

# Immagini per marker

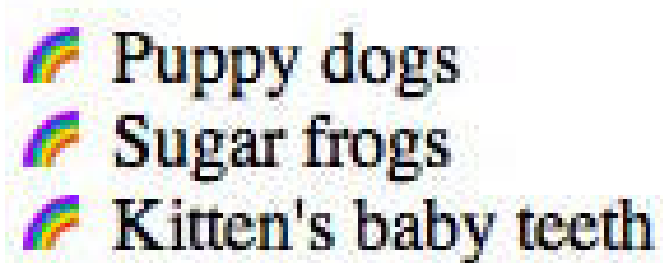
## list-style-image

**Values:** `url` | `none` | `inherit`

**Default:** `none`

**Applies to:** `ul`, `ol`, and `li` (or elements whose display value is `list-item`)

**Inherits:** `yes`

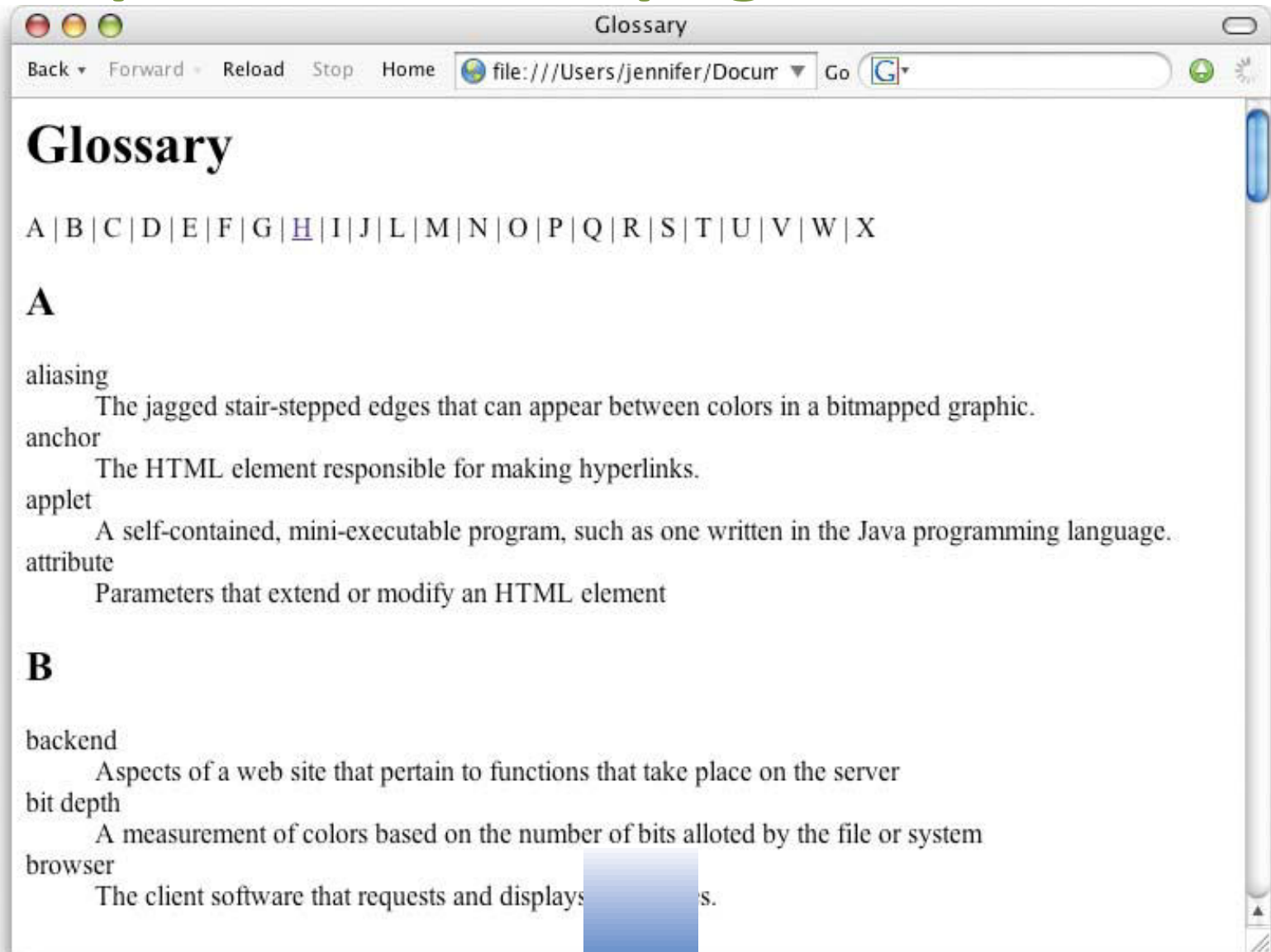


```
ul {
  list-style-image: url(/images/happy.gif);
  list-style-type: circle;
  list-style-position: outside;
}
```





# Punti specifici di una pagina



# Punti specifici di una pagina

## Identificazione dell'ancora

- Ogni id può essere usato come ancora
  - `<h1 id="startH">H</h1>`

## Creazione del link

- Si usa come # ed il nome dell'identificatore
  - `<p>... F | G | <a href="#startH">H</a> | I | J ...</p>`



# Punti specifici in altre pagine

Si aggiunge alla url, # nome indentificatore

- Esempio
  - `<a href="glossary.html#startH">See the Glossary, letter H</a>`
  - `<a href="http://www.example.com/glossary.html#startH">See the Glossary, letter H</a>`
- Se l'id non è presente funziona comunque come un link normale

# Attributo target

- **Specifica in quale finestra dove aprire il link**
  - `target="_blank"` dice di aprire il link in una nuova finestra
- **Esempio**
  - `<a href="http://www.oreilly.com" target="_blank">O'Reilly</a>`
- **Posso dare un nome ad una finestra ed usarla più volte**
  - `<a href="http://www.oreilly.com" target="display">O'Reilly</a>`
  - Spesso non ha un effetto piacevole. sembra che i link non funzionano
- **Con javascript riesco a controllare meglio la nuova finestra**
  - Gestisco i pop up

# Altri link

- **Link a mail**

- `<a href="mailto:pierpaolo.loreti@uniroma2.it">Pierpaolo Loreti</a>`
- Il Browser lancia normalmente il vostro programma di posta con un mail in composizione per `pierpaolo.loreti@uniroma2.it`
  - deve essere configurato per farlo
- Posso anche specificare altri campi della mail
  - subject, body, etc.

- **Link a numeri di telefono**

- `<a href="tel:+390672597440">Pierpaolo Loreti</a>`
- Su cellulare parte la chiamata
- Se desktop parte skype



# STILE DEI LINK

# Selettori per link

## Specifici dei link

- **:link**
  - link non visitati
- **:visited**
  - link già visitati dall'utente (cache del browser)

## Legati ad azioni dell'utente

- **:focus**
  - l'elemento è selezionato
- **:hover**
  - il mouse è sopra l'elemento
  - deve essere dichiarato dopo :link e :visited
- **:active**
  - nel momento del click
  - deve essere dichiarato dopo :over



# Stile dei link

```
a { text-decoration: none; } /* turns underlines off for all links */
a:link { color: maroon; }
a:visited { color: gray; }
a:focus { color: maroon; background-color: #ffd9d9; }
a:hover { color: maroon; background-color: #ffd9d9; }
a:active { color: red; background-color: #ffd9d9; }
```

## Samples of my work:

- Pen and Ink Illustrations
- Paintings
- Collage

### a:link

Links are maroon and not underlined.

## Samples of my work:

- Pen and Ink Illustrations
- Paintings
- Collage

### a:focus

### a:hover

While the mouse is over the link or when the link has focus, the pink background color appears.

## Samples of my work:

- Pen and Ink Illustrations
- Paintings
- Collage

### a:active

As the mouse button is being pressed, the link turns bright red.

## Samples of my work:

- Pen and Ink Illustrations
- Paintings
- Collage

### a:visited

After that page has been visited, the link is gray.

# Debug

- [Eggs](#)
- [Ham](#)
- [Bread](#)
- [Butter](#)
- [Flour](#)
- [Cream](#)

The screenshot shows the Chrome DevTools interface. The 'Elements' pane on the left displays the DOM tree. The selected element is an anchor tag `<a href="#nogo">Eggs</a>` within a list item `<li class="col1">`. The 'Styles' pane on the right shows the 'Force element state' section with the `:active` state selected. Below this, the `element.style` block is empty, while the `a:active` pseudo-class rule sets the `color` to `#0000FF` (blue). The `a:visited` rule sets the `color` to `#00FF00` (green). The breadcrumb at the bottom indicates the path: `html > body > ul > li.col1 > a`.

```

<!DOCTYPE html>
<html>
  <head>...</head>
  <body>
    <ul>
      <li class="col1">
        <a href="#nogo">Eggs</a>
      </li>
      <li class="col1">...</li>
      <li class="col2 top">
        <a href="#nogo">Bread</a>
      </li>
      <li class="col2">...</li>
      <li class="col3 top">...</li>
      <li class="col3">...</li>
    </ul>
  </body>
</html>
  
```

Styles

Filter

Force element state

- ☒ :active
- ☐ :focus
- ☐ :hover
- ☐ :visited

element.style {

```

}

a:active {
  color: #0000FF;
}

a:visited {
  color: #00FF00;
}
  
```

lista.html:24

lista.html:12

html body ul li.col1 a



# reset.css

```
html, body, div, span, applet, object, iframe,
h1, h2, h3, h4, h5, h6, p, blockquote, pre,
a, abbr, acronym, address, big, cite, code,
del, dfn, em, img, ins, kbd, q, s, samp,
small, strike, strong, sub, sup, tt, var,
b, u, i, center, dl, dt, dd, ol, ul, li,
fieldset, form, label, legend,
table, caption, tbody, tfoot, thead, tr, th, td,
article, aside, canvas, details, embed,
figure, figcaption, footer, header, hgroup,
menu, nav, output, ruby, section, summary,
time, mark, audio, video {
    margin: 0;
    padding: 0;
    border: 0;
    font-size: 100%;
    font: inherit;
    vertical-align: baseline;
}
/* HTML5 display-role reset for older browsers */
article, aside, details, figcaption, figure,
footer, header, hgroup, menu, nav, section {
    display: block;
}
```

```
body {
    line-height: 1;
}
ol, ul {
    list-style: none;
}
blockquote, q {
    quotes: none;
}
blockquote:before, blockquote:after,
q:before, q:after {
    content: "";
    content: none;
}
table {
    border-collapse: collapse;
    border-spacing: 0;
}
```