

# Ejercicio 11 Tarea 4 Informe

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A continuación, se muestra con capturas de pantalla la comprobación del sitio web con los validadores de la asignatura. El ejercicio se hizo utilizando la API de [MapBox](#). Está centrada y el marcador aparece en la Escuela de Ingeniería Informática de Oviedo.

En el elemento *section* utilizo un id porque el API necesita el id de un elemento para colocar el mapa.

## HTML

Este código HTML está copiado del inspector de elementos del navegador tras pulsar el botón.

### Nu Html Checker

This tool is an ongoing experiment in better HTML checking, and its behavior remains subject to change

#### Showing results for contents of text-input area

Checker Input

Show ☒ source ☐ outline ☐ image report [Options...](#)

Check by text input ☐ CSS

```
<!DOCTYPE html>
<html lang="es"><head>
  <!-- Datos que describen el documento -->
  <meta charset="UTF-8">

  <!--Metadatos de los documentos HTML5-->
  <meta name="author" content="Diego Villa García">
  <meta name="description" content="Ejercicio 11 de JavaScript: API Geolocation">
  <meta name="keywords" content="ejercicio, javascript, api geolocation">

  <!--Definición de la ventana gráfica-->
  <meta name="viewport" content="width=device-width, initial-scale=1.0">

  <title>Ejercicio 11 de JavaScript: API Geolocation</title>
  <script src="https://api.mapbox.com/mapbox-gl-js/v2.11.0/mapbox-gl.js"></script>
  <link rel="stylesheet" type="text/css" href="https://api.mapbox.com/mapbox-gl-js/v2.6.1/mapbox-gl.css">
  <!-- End of dependencies from third party code. -->
</html>
```

Check

Use the Message Filtering button below to hide/show particular messages, and to see total counts of errors and warnings.

#### Message Filtering

- Warning** Possible misuse of `aria-label`. (If you disagree with this warning, [file an issue report](#) or send e-mail to [www](#))  
From line 27, column 334, to line 27, column 504  
`></canvas><div aria-label="Map marker" class="mapboxgl-marker mapboxgl-marker-anchor-center" style="transform: trans;`
- Error** Attribute `href` not allowed on element `a` at this point.  
From line 27, column 2167, to line 27, column 2278  
`le="list"><a href="https://www.mapbox.com/about/maps/" target="_blank" title="Mapbox" aria-label="Mapbox" role="list`  
Attributes for element `a`:  
[Global attributes](#)  
[href](#) — Address of the [hyperlink](#)  
[target](#) — Navigable for [hyperlink navigation](#)

3. **Error** Attribute `target` not allowed on element `a` at this point.  
From line 27, column 2167, to line 27, column 2278  
le="list"><a href="https://www.mapbox.com/about/maps/" target="\_blank" title="Mapbox" aria-label="Mapbox" role="listitem">0 Mapbox
- Attributes for element `a`:
- [Global attributes](#)
  - [href](#) — Address of the [hyperlink](#)
  - [target](#) — Navigable for [hyperlink navigation](#)
  - [download](#) — Whether to download the resource instead of navigating to it, and its filename if so
  - [ping](#) — [URLs](#) to ping
  - [rel](#) — Relationship between the location in the document containing the [hyperlink](#) and the destination resource
  - [hreflang](#) — Language of the linked resource
  - [type](#) — Hint for the type of the referenced resource
  - [referrerpolicy](#) — [Referrer policy](#) for [fetches](#) initiated by the element
4. **Error** Attribute `href` not allowed on element `a` at this point.  
From line 27, column 2292, to line 27, column 2419  
apbox</a> <a href="https://www.openstreetmap.org/about/" target="\_blank" title="OpenStreetMap" aria-label="OpenStreetMap" role="listitem">0 Open
- Attributes for element `a`:
- [Global attributes](#)
  - [href](#) — Address of the [hyperlink](#)
  - [target](#) — Navigable for [hyperlink navigation](#)
  - [download](#) — Whether to download the resource instead of navigating to it, and its filename if so
  - [ping](#) — [URLs](#) to ping
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  - [referrerpolicy](#) — [Referrer policy](#) for [fetches](#) initiated by the element
5. **Error** Attribute `target` not allowed on element `a` at this point.  
From line 27, column 2292, to line 27, column 2419  
apbox</a> <a href="https://www.openstreetmap.org/about/" target="\_blank" title="Ope
- Attributes for element `a`:
- [Global attributes](#)
  - [href](#) — Address of the [hyperlink](#)
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  - [ping](#) — [URLs](#) to ping
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  - [referrerpolicy](#) — [Referrer policy](#) for [fetches](#) initiated by the element
3. **Error** Attribute `href` not allowed on element `a` at this point.  
From line 27, column 2440, to line 27, column 2752  
etMap</a> <a class="mapbox-improve-map" href="https://apps.mapbox.com/feedback/?own  
rel="noopener nofollow">Improv
- Attributes for element `a`:
- [Global attributes](#)
  - [href](#) — Address of the [hyperlink](#)
  - [target](#) — Navigable for [hyperlink navigation](#)
  - [download](#) — Whether to download the resource instead of navigating to it, and its filename if so
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7. **Error** Attribute `target` not allowed on element `a` at this point.  
From line 27, column 2440, to line 27, column 2752  
etMap</a> <a class="mapbox-improve-map" href="https://apps.mapbox.com/feedback/?own

**Error** Attribute `rel` not allowed on element `a` at this point.

From line 27, column 2440, to line 27, column 2752

```
etMap</a> <a class="mapbox-improve-map" href="https://apps.mapbox.com/feedback/?owner=mapt
rel="noopener nofollow">Improv
```

Attributes for element `a`:

[Global attributes](#)

[href](#) — Address of the [hyperlink](#)

[target](#) — [Navigable](#) for [hyperlink navigation](#)

[download](#) — Whether to download the resource instead of navigating to it, and its filename if so

[ping](#) — [URLs](#) to ping

[rel](#) — Relationship between the location in the document containing the [hyperlink](#) and the destination resour

[hreflang](#) — Language of the linked resource

[type](#) — Hint for the type of the referenced resource

[referrerPolicy](#) — Referrer policy for fetches initiated by the element

Todos los errores que aparecen pertenecen al código HTML generado por la propia API, así que no tienen solución.

## CSS

Resultados del Validador CSS del W3C para [https://uo277188.github.io/SEW2022\\_JS/PRACTICA-3/Ejercicio-11/Tarea-4/Ejercicio11.html](https://uo277188.github.io/SEW2022_JS/PRACTICA-3/Ejercicio-11/Tarea-4/Ejercicio11.html) (CSS versión

**¡Enhorabuena! No error encontrado.**

Este documento es CSS versión 3 + SVG válido!

Puede mostrar este icono en cualquier página que valide para que los usuarios vean que se ha preocupado por crear una página Web interoperable. A continuación se encuentra el XHTML que puede usar para añadir el i



### Las Advertencias (72)

URI : <a href="https://api.mapbox.com/mapbox-gl-js/v2.6.1/mapbox-gl.css">https://api.mapbox.com/mapbox-gl-js/v2.6.1/mapbox-gl.css</a>		
1	-webkit-tap-highlight-color	is a vendor extension
1	:-webkit-full-screen	is a vendor extended pseudo-class
1	-webkit-user-select	is a vendor extension
1	auto	is not defined by any specification as an allowed value for pointer
1	-ms-high-contrast	is a vendor extension
1	-ms-high-contrast	is a vendor extension
1	-ms-high-contrast	is a vendor extension
1	-ms-high-contrast	is a vendor extension
1	-ms-high-contrast	is a vendor extension
1	-ms-high-contrast	is a vendor extension
1	-ms-high-contrast	is a vendor extension
1	-ms-high-contrast	is a vendor extension
1	-ms-high-contrast	is a vendor extension
1	-ms-high-contrast	is a vendor extension
1	-ms-high-contrast	is a vendor extension
1	-ms-high-contrast	is a vendor extension
1	-ms-high-contrast	is a vendor extension
1	-ms-high-contrast	is a vendor extension
1	-ms-high-contrast	is a vendor extension
0	Redefinición de border-top-width	
0	Redefinición de border-top-color	
0	Redefinición de border-top-style	
0	Redefinición de border-top-color	

Los dos primeros bloques con muchas advertencias pertenecen a la hoja de estilos de MapBox que tuve que importar.

```
<link rel="stylesheet" type="text/css" href="https://api.mapbox.com/mapbox-gl-js/v2.6.1/mapbox-gl.css">
```

Si no la importaba el mapa funcionaba, pero los marcadores aparecían en sitios extraños y se movían al hacer zoom.

**URI :** [https://uo277188.github.io/SEW2022\\_JS/PRACTICA-3/Ejercicio-11/Tarea-4/Ejercicio11.css](https://uo277188.github.io/SEW2022_JS/PRACTICA-3/Ejercicio-11/Tarea-4/Ejercicio11.css)

29	Hay un color de fondo establecido y no hay color de primer plano
29	Hay un color de fondo establecido y no hay color de primer plano

Con respecto a mi hoja de estilos aparecen estas advertencias porque no se indica explícitamente el color de primer plano en los elementos donde se indica el color de fondo. Sucede en todos los encabezados.

Sin embargo, tal y como está comentado en el propio fichero css, esta propiedad se está heredando del primer elemento que los contiene en el que sí está especificada dicha propiedad. En mi caso se trata del elemento *body*. Desde el inspector de elementos del navegador se puede comprobar que la herencia es correcta:

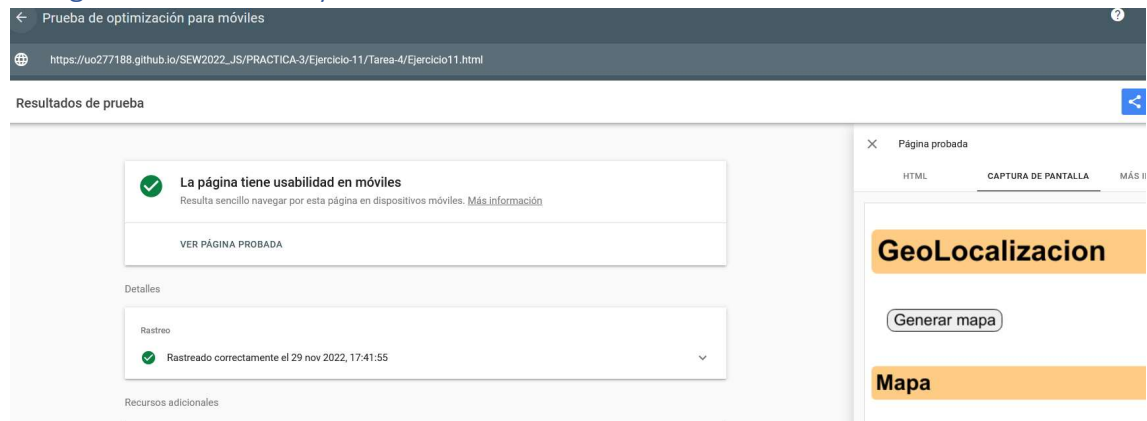
```
h1, h2 {                               Ejercicio11.css:27
  ✓ background-color: #ffcc85;
  ✓ border-radius: 0.2em;
  ✓ padding: 0.2em;
}

Heredado de body

body {                                  Ejercicio11.css:7
  color: black;
  font-size: 1.1em;
  font-family: Helvetica, Verdana, sans-serif;
}
```

# Herramientas de adaptabilidad

## Google Mobile-friendly



## Screenfly

### Screenfly - Test Your Website at Different Resolu



iPhone 5 320x568

iPad Mini 768x1024





## Herramientas de accesibilidad

### Wave

The screenshot shows the Wave web accessibility evaluation tool interface. At the top, it says "WAVE" and "web accessibility evaluation tool", powered by "WebAIM". The address bar shows "ICA-3/Ejercicio-11/Tarea-4/Ejercicio11.html". Below the address bar, there is a "Styles" toggle switch set to "ON". The "Summary" section shows the following results:

Category	Count
Errors	0
Contrast Errors	0
Alerts	0
Features	1
Structure	3
Contrast	0

On the right side of the interface, there is a "h1 GeoLocalizacion" heading and a "Generar mapa" button. Below the button is a map showing the location of Luján, Argentina, with labels for "Luján", "N-634", "A-8", "Salas", and "AS-219".

### AChecker

The screenshot shows the AChecker web accessibility checker interface. At the top, it says "CHECKS". Below this, the URL is displayed: "URL (https://uo277188.github.io/SEW2022\_JS/PRACTICA-3/Ejercicio-11/Tarea-4/Ejercicio11.html)". There is a sign-up form for occasional emails about accessibility/product info, with fields for "Name" and "Email". Below the form, there are two tabs: "NO ERRORS" and "WARNINGS". The "NO ERRORS" tab is selected, and the message "Congratulations! No known problems." is displayed.