


## Analysis information

**Resource:** <https://uo271288.github.io/SEW/PRACTICA-3/Ejercicio-03/CalculadoraBasica.html> **Date:** 02/12/2020 06:54 **Guidelines:** WCAG 2.0 **Analysis level:** AAA **Technologies:** HTML, CSS











































## Perceivable

Information and user interface components must be presentable to users in ways they can perceive.

Tipology	Checking	Techniques	Result	Problems	Line numbers	
1.3.1-Info and Relationships						
Presentation	Generation of content from style sheets <a href="#">?</a>	E87	<a href="#">?</a>	1		
1.3.2-Meaningful Sequence						
Presentation	Positioning elements using float <a href="#">?</a>	C27	<a href="#">?</a>	1		
	Absolute positioning of elements <a href="#">?</a>	C27	<a href="#">?</a>	1		
1.3.3-Sensory Characteristics						
Presentation	Sensory Characteristics <a href="#">?</a>	G96	<a href="#">?</a>	1		
1.4.1-Use of Color						
Presentation	Information using color <a href="#">?</a>	G14 G122 G182 G183	<a href="#">?</a>	1		
1.4.3-Contrast (Minimum)						
Presentation	Contrast <a href="#">?</a>	G18 G148 G174	<a href="#">?</a>	1		
	Contrast for large fonts <a href="#">?</a>	G145 G148 G174	<a href="#">?</a>	1		
	Contraste insuficiente entre el color de primer plano y el color de fondo <a href="#">?</a>	G18	<a href="#">?</a>	1		
1.4.4-Resize text						
Presentation	Use of absolute font sizes <a href="#">?</a>	C12 C13 C14	<a href="#">?</a>	1		
	Use of absolute units in block elements <a href="#">?</a>	C28 G146	<a href="#">?</a>	1		
1.4.5-Images of Text						
Images	Images that can be replaced by markup language <a href="#">?</a>	C22 C30 G140	<a href="#">?</a>	1		
1.4.6-Contrast (Enhanced)						
Presentation	Contrast enhanced <a href="#">?</a>	G18 G148 G174	<a href="#">?</a>	1		
	Contrast enhanced to large fonts <a href="#">?</a>	G145 G148 G174	<a href="#">?</a>	1		
1.4.8-Visual Presentation						
Presentation	Background and foreground colors in text blocks <a href="#">?</a>	C23 C25 G156 G148 G175	<a href="#">?</a>	1		
	Width in characters of text blocks <a href="#">?</a>	H87 C20	<a href="#">?</a>	1		
	Text blocks aligning <a href="#">?</a>	C19 G172 G169	<a href="#">?</a>	1		
	Space between lines in text blocks <a href="#">?</a>	G188 C21	<a href="#">?</a>	1		
	Resizing of text blocks <a href="#">?</a>	G146 C12 C13 C14 C24 SCR34 C26	<a href="#">?</a>	1		
1.4.9-Images of Text (No Exception)						
Images	Text images <a href="#">?</a>	C22 C30 C140	<a href="#">?</a>	1		

## Operable

User interface components and navigation must be operable.

Typology	Checking	Techniques	Result	Problems	Line numbers
2.1.1-Keyboard					
Scripts	Automatic movement of the focus 	G90		1	
2.1.2-No Keyboard Trap					
Web page	Changing focus with the keyboard 	G21		1	
2.2.1-Timing Adjustable					
Web page	Session time limit 	G133 G198		1	
	Limit of time controlled by a script 	G198 G180 SCR16		1	
	Reading texts on the move 	G4 G198 SCR33 SCR36		1	
2.2.2-Pause, Stop, Hide					
Presentation	Use text-decoration property "blink" 	G11		1	
Web page	Moving or blinking content 	G4 SCR33 G187 G152 SCR22 G186 G191		1	
2.2.3-No Timing					
Web page	Time limit 	G5		1	
2.2.5-Re-authenticating					
Web site	Expiration of authentication information 	G105 181		1	
2.3.1-Three Flashes or Below Threshold					
Presentation	Flashes below threshold 	G19 G176 G15		1	
2.3.2-Three Flashes					
Presentation	Flashes 	G19		1	
2.4.1-Bypass Blocks					
Navigation	Skip repeated blocks of content 	G1 G123 G124		1	
	Blocks of content 	H50 H70 SCR28		1	
2.4.2-Page Titled					
Web page	Descriptive title 	G88		1	5
2.4.3-Focus Order					
Navigation	Logical sequence of navigation 	G59 H4 SCR26 SCR37 SCR27		1	
Presentation	Positioning elements using float 	C27		1	
2.4.5-Multiple Ways					
Web site	Multiple ways of localization 	G125 G64 G63 G161 G126 G185		1	
2.4.6-Headings and Labels					
Structure and semantics	Appropriate content of headers and labels 	G130 G131		1	11
2.4.7-Focus Visible					
Scripts	Changing focus with the event 'onFocus' 	F55		1	
Presentation	Using the psuedo-class: focus 	G149		1	
2.4.8-Location					
Navigation	Ubication 	G65 G63 G128 G127		1	

*Understandable*

Information and the operation of user interface must be understandable.

Typology	Checking	Techniques	Result	Problems	Line numbers
3.1.1-Language of Page					
Web page	Language stated in the document and actual language <a href="#">f</a>	H57	✗	1	1
3.1.2-Language of Parts					
Web page	Changes in language <a href="#">f</a>	H58	?	1	
3.1.3-Unusual Words					
Web page	Words with unusual meanings <a href="#">f</a>	G101	?	1	
3.1.4-Abbreviations					
Structure and semantics	Abbreviations and acronyms <a href="#">f</a>	G97 G55 G62 H60 H28 G70	?	1	
3.1.5-Reading Level					
Web page	Reading level <a href="#">f</a>	G86 G103 G79 G153 G160	?	1	
3.1.6-Pronunciation					
Web page	Pronunciation <a href="#">f</a>	G120 G121 G62 H62 G163	?	1	
3.2.1-On Focus					
Scripts	Changing content with the event "onfocus" <a href="#">f</a>	G107	?	1	
	Changing focus with the event "onfocus" <a href="#">f</a>	F55	?	1	
	Opening a new window with the event "onfocus" <a href="#">f</a>	G107	?	1	
	Opening a new window with the event "onload" <a href="#">f</a>	F52	?	1	
Web page	Changing content <a href="#">f</a>	G107	?	1	
3.2.2-On Input					
Forms	Changes caused by the event "onchange" in a selector <a href="#">f</a>	H84	?	1	
3.2.3-Consistent Navigation					
Web site	Consistent navigation <a href="#">f</a>	G61	?	1	
3.2.4-Consistent Identification					
Web site	Consistent denomination <a href="#">f</a>	G197	?	1	

## Robust

Content must be robust enough that it can be interpreted reliably by a wide variety of user agents, including assistive technologies.

Typology		Checking	Techniques	Result	Problems	Line numbers
4.1.1-Parsing						
Web page	CSS validity		G134		1	
4.1.2-Name, Role, Value						
Web page	Name, role and value		G108 SCR21 G135 G10		1	

Source code

## ATMEL

## Global









































































Source code: <https://github.com/robertmiller/robertmiller.github.io>

1. <!DOCTYPE html> ❌ <html lang="es-ES"><head>

```

3. <meta name="viewport" content="width=device-width">
4. <meta name="author" content="Alejandro Álvarez Varela UO271288">
5.
6. <title>Calculadora Básica</title>
7.
8. <link rel="stylesheet" type="text/css" href="CalculadoraBasica.css">
9. </head>
10.
11. <body>
12.
13.
14.
15.
16.
17.
18. <button id="mrc" onclick="calculadora.mrc()">mrc</button>
19. <button id="mMenos" onclick="calculadora.mMenos()">m-</button>
20. <button id="mMas" onclick="calculadora.mMas()">m+</button>
21. <button id="div" onclick="calculadora.div()">/></button>
22. <div>
23.
24. <button id="siete" onclick="calculadora.digitos(7)">7</button>
25. <button id="ocho" onclick="calculadora.digitos(8)">8</button>
26. <button id="nueve" onclick="calculadora.digitos(9)">9</button>
27. <button id="null" onclick="calculadora.mult()"></button>
28. </div>
29. <div>
30. <button id="cuadrado" onclick="calculadora.digitos(4)">4</button>
31. <button id="cinco" onclick="calculadora.digitos(5)">5</button>
32. <button id="seis" onclick="calculadora.digitos(6)">6</button>
33. <button id="resta" onclick="calculadora.resta()">-</button>
34. </div>
35. <div>
36. <button id="uno" onclick="calculadora.digitos(1)">1</button>
37. <button id="dos" onclick="calculadora.digitos(2)">2</button>
38. <button id="dies" onclick="calculadora.digitos(3)">3</button>
39. <button id="suma" onclick="calculadora.suma()">+</button>
40. </div>
41.
42.

```