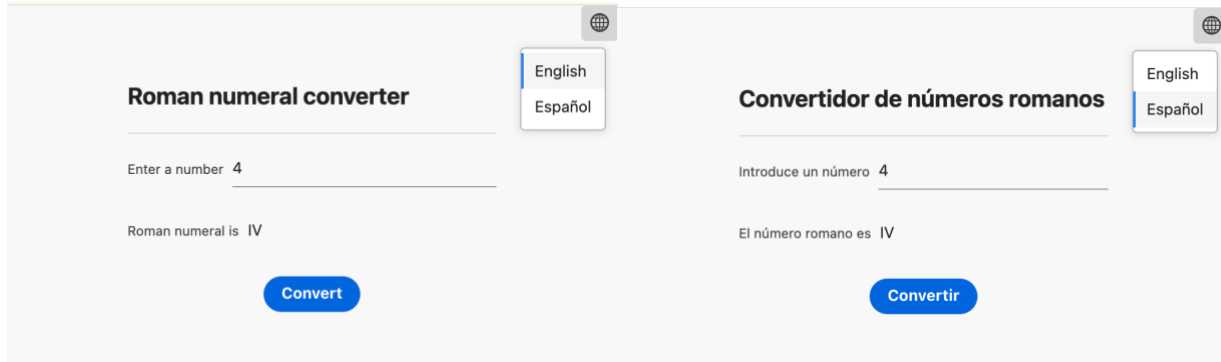


Additional information:

Language menu: Support multiple languages and locales in the frontend

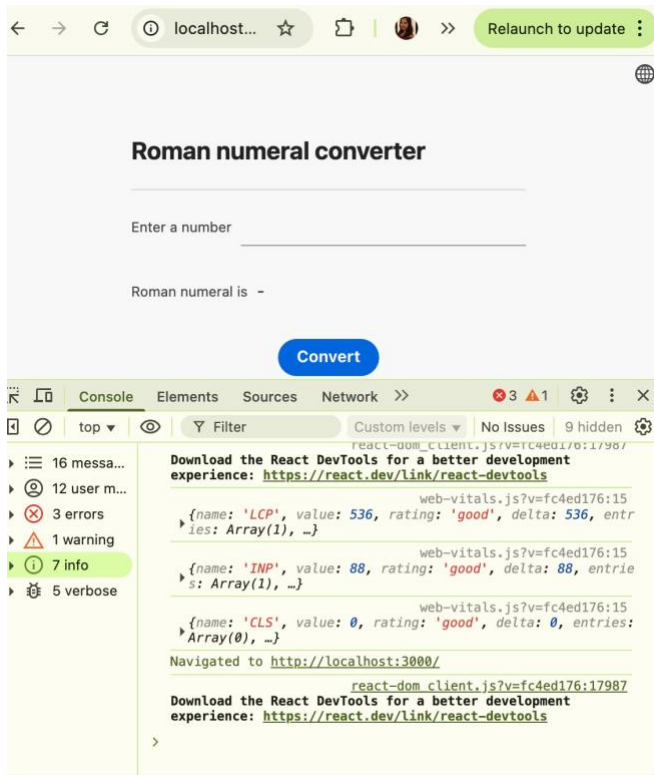


Web-vitals

Largest Contentful Paint (LCP): measures loading performance. To provide a good user experience, LCP should occur within 2.5 seconds of when the page first starts loading.

Interaction to Next Paint (INP): measures interactivity. To provide a good user experience, pages should have a INP of 200 milliseconds or less.

Cumulative Layout Shift (CLS): measures visual stability. To provide a good user experience, pages should maintain a CLS of 0.1. or less.



Supports robust metrics collection and monitoring, enabling observability and alerting for backend services.

End-to-End Testing with Playwright: 56 tests – different browsers and devices

localhost:9323

Relaunch to update

Q	All 56	Passed 56	Failed 0	Fails 0	Skipped 0
6/30/2025, 9:03:29 AM Total time: 43.2s					
✓ romanNumeralsConverter specs.ts					
test roman numeral converter for empty input	chromium	3.5s			
romanNumeralsConverter.spec.ts:18					
✓ test roman numeral converter for number 10 - success	chromium	3.6s			
romanNumeralsConverter.spec.ts:31					
✓ test roman numeral converter for 4000	chromium	3.5s			
romanNumeralsConverter.spec.ts:48					
✓ test roman numeral converter for 0	chromium	3.6s			
romanNumeralsConverter.spec.ts:48					
✓ test roman numeral converter for decimal number	chromium	3.5s			
romanNumeralsConverter.spec.ts:57					
✓ test roman numeral converter for backend error 500	chromium	3.7s			
romanNumeralsConverter.spec.ts:68					
✓ test roman numeral converter for localization	chromium	3.8s			
romanNumeralsConverter.spec.ts:85					
✓ test roman numeral converter for backend error 500 for localization	chromium	3.9s			
romanNumeralsConverter.spec.ts:103					
✓ test roman numeral converter for empty input	firefox	2.3s			
romanNumeralsConverter.spec.ts:18					
✓ test roman numeral converter for number 10 - success	firefox	2.1s			
romanNumeralsConverter.spec.ts:31					
✓ test roman numeral converter for 4000	firefox	4.3s			
romanNumeralsConverter.spec.ts:38					
✓ test roman numeral converter for 0	firefox	2.2s			
romanNumeralsConverter.spec.ts:48					
✓ test roman numeral converter for decimal number	firefox	2.0s			
romanNumeralsConverter.spec.ts:57					
✓ test roman numeral converter for backend error 500	firefox	4.4s			
romanNumeralsConverter.spec.ts:68					
✓ test roman numeral converter for localization	firefox	5.3s			
romanNumeralsConverter.spec.ts:85					
✓ test roman numeral converter for backend error 500 for localization	firefox	4.3s			
romanNumeralsConverter.spec.ts:103					
✓ test roman numeral converter for empty input	webkit	1.8s			
romanNumeralsConverter.spec.ts:18					
✓ test roman numeral converter for number 10 - success	webkit	1.3s			
romanNumeralsConverter.spec.ts:31					
✓ test roman numeral converter for 4000	webkit	1.4s			
romanNumeralsConverter.spec.ts:39					
✓ test roman numeral converter for 0	webkit	1.2s			
romanNumeralsConverter.spec.ts:48					
✓ test roman numeral converter for decimal number	webkit	1.9s			
romanNumeralsConverter.spec.ts:57					
✓ test roman numeral converter for backend error 500	webkit	1.3s			
romanNumeralsConverter.spec.ts:68					
✓ test roman numeral converter for localization	webkit	1.7s			
romanNumeralsConverter.spec.ts:85					
✓ test roman numeral converter for backend error 500 for localization	webkit	1.6s			
romanNumeralsConverter.spec.ts:103					

