

Playwright page.locator() Selector Cheatsheet

page.locator(selector) allows you to locate elements in the page using different selector types. Below is a quick reference for commonly used selectors:

CSS Selectors

- page.locator('#id') → Select element by ID
- page.locator('.class') → Select element by class
- page.locator('tag') → Select element by tag name
- page.locator('tag.class') → Tag with class
- page.locator('[attr=value]') → Attribute selector

Text Selectors

- page.locator('text=Submit') → Exact text match
- page.locator('text=Login', { exact: true }) → Strict exact match
- page.locator('text=/regex/i') → Regex text match

Role Selectors (ARIA)

- page.locator('role=button[name="Submit"]') → By role and name
- page.getByRole('button', { name: 'Submit' }) → Preferred syntax

Test ID Selectors

- page.getByTestId('username-input') → By data-testid attribute

Nth Element

- page.locator('div').nth(0) → First match
- page.locator('div').first() / .last() → First/Last element

Chained Locators

- page.locator('form').locator('button') → Nested search

Other

- page.getByLabel('Username') → By associated label text
- page.getByPlaceholder('Enter name') → By placeholder text
- page.getByAltText('logo') → By alt text
- page.getByTitle('tooltip') → By title attribute