Playwright Complete Configuration Reference Table

Category	Option	Type	Default	Possible Values	Description
Discovery	testDir	string	./tests	Any valid directory path	Directory containing test files
	testMatch	string/regex	**/*test*.js	Glob patterns or RegExp	Glob pattern for test files
	testIgnore	string/regex	**/node_modules/**	Glob patterns or RegExp	Glob pattern to ignore
Parallelization	fullyParallel	boolean	false	true | false	Run all tests in parallel
	workers	number/string	undefined	Number (1–CPU cores) | '50%' | '100%'	Number of workers or CPU %
Retries & CI	retries	number	0	0,1,2,...	Retries for failed tests
	forbidOnly	boolean	false	true | false	Fail if test.only found
Timeouts	timeout	number	30000	Milliseconds	Test timeout (ms)
	globalTimeout	number	1800000	Milliseconds	Total suite timeout
	expect.timeout	number	5000	Milliseconds	Assertion timeout
Reporting	reporter	string/array	list	'list','dot','html','json','junit', custom reporter	Reporter type
Output	outputDir	string	test-results	Any directory path	Artifacts directory
	snapshotDir	string	__snapshots__	Any directory path	Snapshot directory
	snapshotPathTemplate	string	{dir}/{testFileDir}...	Template string	Snapshot file path
Setup/Teardown	globalSetup	string	undefined	Path to JS/TS file	Global setup file
	globalTeardown	string	undefined	Path to JS/TS file	Global teardown file
Web Server	webServer.command	string	undefined	Any shell command	Start server command
	webServer.url	string	undefined	Valid URL	Server URL
	webServer.reuseExistingServer	boolean	true	true | false	Reuse running server
	webServer.timeout	number	120000	Milliseconds	Startup timeout
Browser/Page (use)	baseURL	string	undefined	Valid URL	Base URL
	testIdAttribute	string	data-testid	Any attribute name	Test ID attribute
	headless	boolean	true	true | false	Run headless
	screenshot	string	off	off | on | only-on-failure	Screenshot mode
	screenshotDir	string	undefined	Any directory path	Screenshot directory
	video	string	off	off | on | retain-on-failure	Video recording
	videoDir	string	undefined	Any directory path	Video directory
	trace	string	off	off | on | on-first-retry | retain-on-failure	Trace recording
	traceDir	string	undefined	Any directory path	Trace directory
	actionTimeout	number	10000	Milliseconds	Action timeout
	navigationTimeout	number	30000	Milliseconds	Navigation timeout
	launchTimeout	number	30000	Milliseconds	Browser launch timeout
Authentication	storageState	string/object	undefined	File path | Object	Auth cookies/session
	httpCredentials	object	undefined	{ username, password }	HTTP basic auth
	extraHTTPHeaders	object	undefined	{ key: value } pairs	Extra headers
Device Emulation	viewport	object	1280x720	{ width, height } | null	Viewport size
	deviceScaleFactor	number	1	Any positive number	Scale factor
	isMobile	boolean	false	true | false	Mobile emulation
	hasTouch	boolean	false	true | false	Touch events
	userAgent	string	undefined	Any valid UA string	Custom UA

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	locale	string	en-US	Any BCP 47 locale code	Locale
	timezoneId	string	America/Los_Angeles	Any IANA timezone	Timezone
	geolocation	object	undefined	{ latitude, longitude, accuracy }	Geo coordinates
	permissions	array	[]	['camera','microphone','geolocation',...]	Browser permissions
	colorScheme	string	light	light | dark | no-preference	Color scheme
	reducedMotion	string	no-preference	reduce | no-preference	Reduced motion
	forcedColors	string	none	active | none	Forced colors
etwork	offline	boolean	false	true | false	Offline mode
	bypassCSP	boolean	false	true | false	Bypass CSP
	acceptDownloads	boolean	true	true | false	Accept downloads
	javaScriptEnabled	boolean	true	true | false	Enable JavaScript