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# **Robot Framework Accessibility Testing Documentation**

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## WAVE Toolbar library

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View available keywords.

Include keywords with:

```
Resource Accessibility/wavetoolbar.robot
```

Example of use:

```
*** Settings ***

Resource Accessibility/wavetoolbar.robot

Suite setup Run keywords
... Open accessibility test browser Maximize Browser Window
Suite teardown Close all browsers

*** Test Cases ***

Test pages
  [Template] Check WAVE
  http://www.plone.org/ wave=0

*** Keywords ***

Check WAVE
  [Arguments] ${url} ${wave}=0
  Should not exceed maximum WAVE errors ${url} ${wave}

Should not exceed maximum WAVE errors
  [Arguments] ${url} ${max}
  ${errors} = Count WAVE accessibility errors ${url}
  Should be true ${errors} <= ${max}
  ... WAVE Toolbar reported ${errors} errors for ${url}
```

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**Note:** Currently all keywords are written as user keywords, but later they may be refactored into Python-keywords. If this happens, there will be backwards compatible wrappers available at `wavetoolbar.robot`.

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## WCAG Contrast Checker library

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View available keywords.

Include keywords with:

```
Resource Accessibility/contrastchecker.robot
```

Example of use:

```
*** Settings ***

Resource Accessibility/contrastchecker.robot

Suite setup Run keywords
... Open accessibility test browser Maximize Browser Window
Suite teardown Close all browsers

*** Test Cases ***

Test pages
  [Template] Check color contrast
  http://www.plone.org/ contrast=6

*** Keywords ***

Check color contrast
  [Arguments] ${url} ${contrast}=0
  Should not exceed maximum color contrast issues ${url} ${contrast}

Should not exceed maximum color contrast issues
  [Arguments] ${url} ${max}
  ${errors} = Count color contrast issues ${url}
  Should be true ${errors} <= ${max}
  ... WCAG Contrast checker reported ${errors} issue for ${url}
```

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**Note:** Currently all keywords are written as user keywords, but later they may be refactored into Python-keywords. If this happens, there will be backwards compatible wrappers available at `contrastchecker.robot`.

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