

describeElement()

Creates a screen reader-accessible description of elements in the canvas.

Elements are shapes or groups of shapes that create meaning together. For example, a few overlapping circles could make an "eye" element.

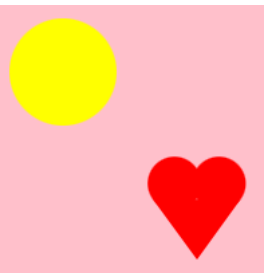
The first parameter, `name`, is the name of the element.

The second parameter, `text`, is the description of the element.

The third parameter, `display`, is optional. It determines how the description is displayed. If `LABEL` is passed, as in `describe('A description.', LABEL)`, the description will be visible in a div element next to the canvas. Using `LABEL` creates unhelpful duplicates for screen readers. Only use `LABEL` during development. If `FALLBACK` is passed, as in `describe('A description.', FALLBACK)`, the description will only be visible to screen readers. This is the default mode.

Read [Writing accessible canvas descriptions](#) to learn more about making sketches accessible.

Examples



```
function setup() {
  background('pink');

  // Describe the first element
  // and draw it.
  describeElement('Circle', 'A yellow circle
in the top-left corner.');
```

```
noStroke();
fill('yellow');
circle(25, 25, 40);

// Describe the second element
// and draw it.
describeElement('Heart', 'A red heart in the
bottom-right corner.');
```

```
fill('red');
circle(66.6, 66.6, 20);
circle(83.2, 66.6, 20);
triangle(91.2, 72.6, 75, 95, 58.6, 72.6);

// Add a general description of the canvas.
describe('A red heart and yellow circle over
a pink background.');
```

```
}
```



```
function setup() {
  background('pink');

  // Describe the first element
  // and draw it. Display the
  // description for debugging.
  describeElement('Circle', 'A yellow circle
in the top-left corner.', LABEL);
noStroke();
fill('yellow');
circle(25, 25, 40);

// Describe the second element
// and draw it. Display the
// description for debugging.
describeElement('Heart', 'A red heart in the
bottom-right corner.', LABEL);
fill('red');
circle(66.6, 66.6, 20);
circle(83.2, 66.6, 20);
triangle(91.2, 72.6, 75, 95, 58.6, 72.6);

// Add a general description of the canvas.
describe('A red heart and yellow circle over
a pink background.');
```

```
}
```

Syntax

```
describeElement(name, text, [display])
```

Parameters

name	String: name of the element.
text	String: description of the element.
display	Constant: either LABEL or FALLBACK.

This page is generated from the comments in [src/accessibility/describe.js](#). Please feel free to edit it and submit a pull request!

Related References

cursor Changes the cursor's appearance.	deltaTime A Number variable that tracks the number of milliseconds it took to draw the last frame.	describe Creates a screen reader-accessible description of the canvas.	describeElement Creates a screen reader-accessible description of elements in the canvas.
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p5.js

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