

How to define css variables in s

Asked 1 year, 3 months ago Active 6 months ago

I want to define jsx like this:

```
<table style={{'--length': array.lenght
  <tbody>
    <tr>{array}</tr>
  </tbody>
}</table>
```

and I use `--length` in css, I also have cells that have `--count` that shows count using css pseudo selector (using counter hack).

but typescript show error:

```
TS2326: Types of property 'style' are incompatible.
Type '{ '--length': number; }' is not assignable to type 'CSSProperties'.
Object literal may only specify known properties, and '--length' does not exist in type 'CSSProperties'.
```

is it possible to change type of style attribute to accept css variable (custom properties) or is there a way to force any on style object?

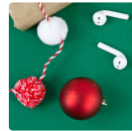
reactjs

typescript

jsx

tsx

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asked Aug 24 '18 at 13:00



jcubic

45.7k 36 145 257

why do you want css variables ? Because you cannot use CSS variables in style tag. It accepts CSS properties only. You can create a variable like this `const length = array.length` and use that `length` in css ? – [Kyaw Siesein](#) Aug 24 '18 at 13:17

i believe this is discussed here github.com/facebook/react/issues/6411 – [SGhaleb](#) Aug 24 '18 at 13:27

@SGhaleb I've seen this, in my code css variables works they appear in DOM and css is applied, but they give error in webpack (it look like error but compile pass) when building the app, so it's the problem with typescript typings not with react. – [jcubic](#) Aug 24 '18 at 14:01

@KyawSiesein they problem with js variables is that you can't use them in `::before` and `::after`. – [jcubic](#) Aug 24 '18 at 14:03

3 Answers

If you go to the [definition of CSSProperties](#), you'll see:

```
export interface CSSProperties extends CSS.Properties<string | number> {
  /**
```

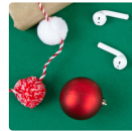
```

* The index signature was removed to enable closed typing for style
* using CSSType. You're able to use
* to add properties or an index signature
*
* For examples and more information
* https://github.com/frenic/cssstyle
*/
}

```

That link gives examples of how to solve
Properties in `cssstyle` or casting the prop

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Matt McCutchen

16.9k • 13 • 27

Thanks, Looks like exactly what I want, will try this out on Monday at work, was trying to use react boilerplate but it's not up to date and it give me errors out of the box. – [jcubic](#) Aug 25 '18 at 7:54

1 Just tested second example, which looks simpler and it works. – [jcubic](#) Aug 27 '18 at 14:15

Like this:

15

```

render(){
  var style = { "--my-css-var": 10 } as React.CSSProperties;
  return <div style={style}>...</div>
}

```

answered Jan 10 at 11:50



ixrock

201 • 2 • 4

2 I think that this is what I ended up after example in accepted answer, but straight answer is always better. – [jcubic](#) Jan 10 at 13:49

You could add a type assertion to the variable. *i.e.* `{['--css-variable' as any]: value }`

0

```

<table style={{['--length' as any]: array.length}}>
  <tbody>
    <tr>{array}</tr>
  </tbody>
</table>

```

answered May 31 at 14:50

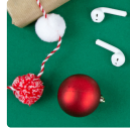


Carlos A. Cabrera

1,426 • 11 • 13

Thanks maybe will remember to upvote when will finally test this, I'm not able to test this right now, I don't have any React project laying around. – [jcubic](#) May 31 at 18:45

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