



I 40byt.es

The dark side of Javascript

@sylvinus
ParisJS #12

Welcome to 140byt.es

140byt.es is a tweet-sized, fork-to-play, community-curated collection of JavaScript

How to play

1. Go to the [master gist](#) page, and click the [fork](#) button.
2. Modify all the files to according to the rules in the gist.
3. Save your entry and tweet it up!

Keep in mind that thanks to the awesome sensibilities of the GitHub team, gists are just repos. So feel free to clone yours and work locally for a more comfortable environment, and to allow commit messages.

Examples

creditCardValidation (125 bytes)

[OiNutter](#)

Validates a credit card.

Filed under: [creditcard](#), [validation](#), [form](#), [checksum](#)

[default](#) [annotated](#) [test](#)

```
function(a,b,c,d) {a=a.split('').reverse();c=0;for(b in a){d=b%2!=0?a[b]*2:a[b];if(d
```

[see original gist](#) [contact author](#) [tweet this](#)

parsedate (138 bytes)

[atk](#)

Date.parse replacement

Filed under: [date](#), [parse](#)

[default](#) [annotated](#) [test](#)

```
Date.parse=Date.parse||function(a){a=a.split(/\W\D?/);return new Date(a[3],"anebarp
```

[see original gist](#) [contact author](#) [tweet this](#)

Keywords

[array](#) (14)
[polyfill](#) (14)
[dom](#) (12)
[string](#) (11)
[es5](#) (8)
[prototype](#) (7)
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[encode](#) (5)
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[object](#) (4)
[color](#) (4)
[animation](#) (4)

▼ more

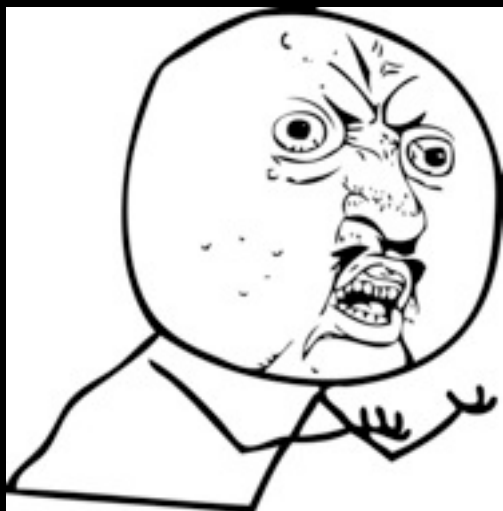
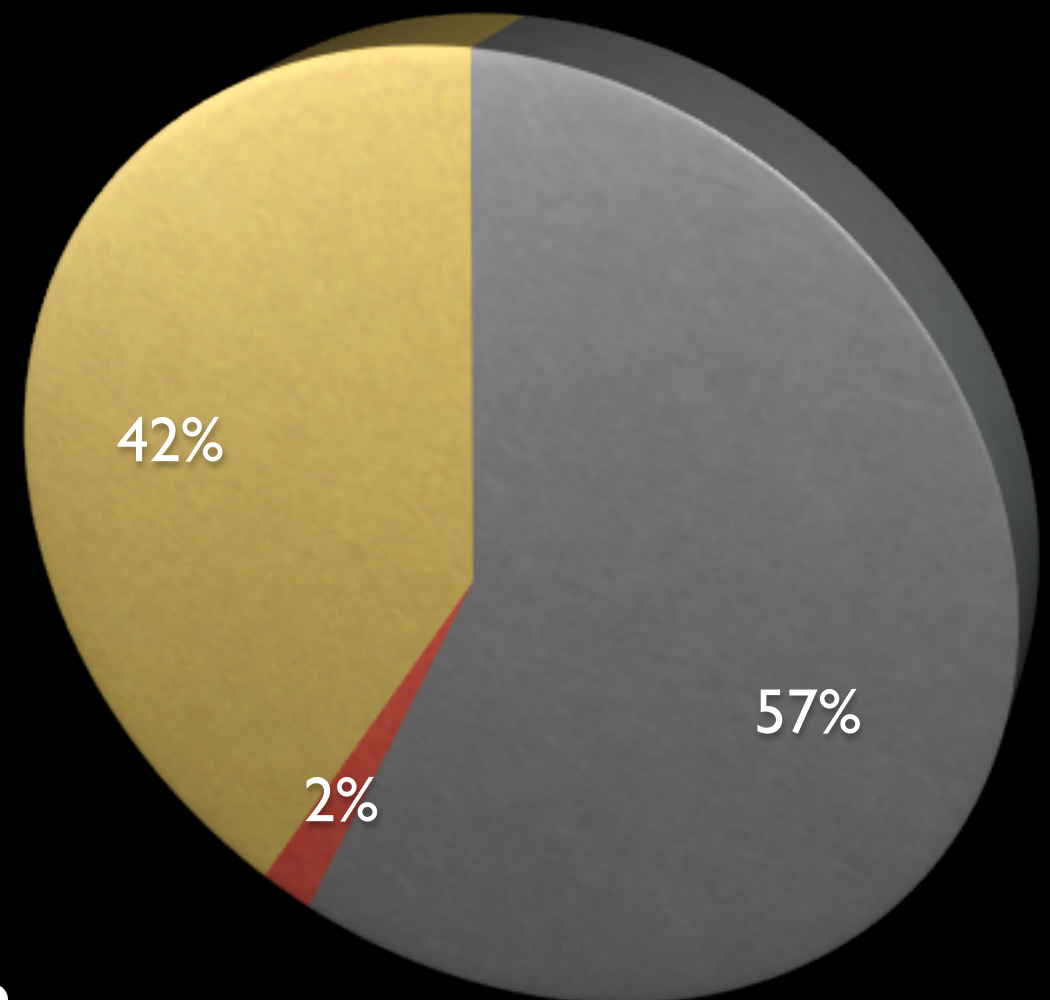
Links

- [140byt.es Master gist](#)
- [Byte-Saving Techniques](#)
- [Wishlist](#)
- [140byt.es on Twitter](#)

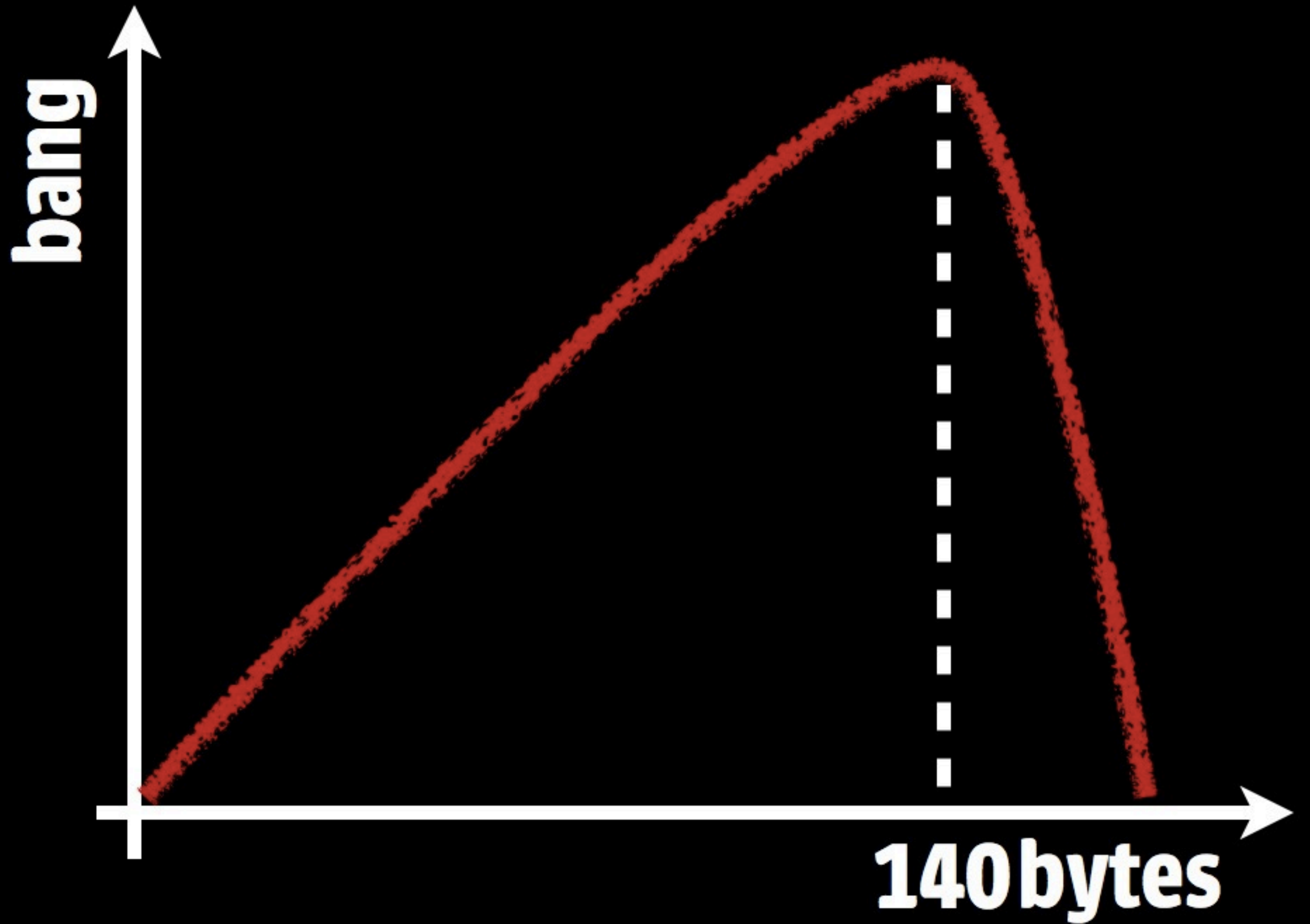


Why ????

Because



Y U NO PROFIT ?





I find your lack of faith disturbing

loading spinner by @fgnass

```
function(a,b,c){setInterval(function(){for(b=0;b<8;c||(a.innerHTML+='<b>•'),a.childNodes[b].className='b'+b+' o'+(++b-~c)%8);c=-~c},99)}
```

sudoku solver by @p01

```
function R(a,i,j,m,g
){for(i=80;a[i];i--|
|+a);for(m=10;g=a[i]
=--m;g&&R(a))for(j i
n a)g*=a[j^i==j]^m||
i/9^j/9&&i%9^j%9&&i/
27^j/27|i%9/3^j%9/3}
```


Power of the dark side

<https://github.com/jed/140bytes/wiki/Byte-saving-techniques>

```
r=new RegExp("\\{ "+p+" }","g") // before
r=eval("/\\{ "+p+" }/g") // after
```

```
now = +new Date() // before
now = +new Date // after
```

```
function(a){var b=1;...} // before
function(a,b){b=1;...} // after
```

```
for(a=0;a<x.length;a++)... // before
for(a=x.length;a--;)... // after
```

```
a=this.localStorage;if(a){...} // before
if(a=this.localStorage){...} // after
```

Use `[]._` instead of `void 0`, instead of `undefined`

```
million=1000000 // before
million=1e6 // after
```

```
if(a!=123) // before
if(a^123) // after
```

```
[true,false] // before
[!0,!1] // after
```

```
rand10=Math.floor(Math.random()*10) // before
rand10=0|Math.random()*10 // after
```

```
[Infinity,-Infinity] // before
[1/0,-1/0] // after
```

String.prototype

A photograph of Anakin Skywalker from the Star Wars franchise. He is wearing his black Jedi robes and has a blue lightsaber ignited in his right hand. He is looking over his shoulder towards the camera with a serious expression. The background is dark and rocky.

The force is strong in this one. Shame the acting ability isn't

```
> sylvain-zimmers-macbook-pro-2:data-joshfire sylvinus$  
node  
> Object.getOwnPropertyNames(String.prototype);  
[ 'length',  
  'constructor',  
  'concat',  
  'localeCompare',  
  'substring',  
  'italics',  
  'charCodeAt',  
  'strike',  
  'indexOf',  
  'toLowerCase',  
  'trimRight',  
  'toString',  
  'toLocaleLowerCase',  
  'replace',  
  'toUpperCase',  
  'fontsize',  
  'trim',  
  'split',  
  'substr',  
  'sub',  
  'charAt',  
  'blink',  
  'lastIndexOf',  
  'sup',  
  'fontcolor',  
  'valueOf',  
  'link',  
  'bold',  
  'anchor',  
  'trimLeft',  
  'small',  
  'search',  
  'fixed',  
  'big',  
  'match',  
  'toLocaleUpperCase',  
  'slice' ]  
> "a".blink()  
'<blink>a</blink>'  
> "jetienne".bold()  
'<b>jetienne</b>'
```


Please read the [documentation](#).
For updates please follow [our blog](#),
[tweets](#) or [become a fan](#).

Choose Framework

onLoad

Mootools 1.4.0

☐ Mootools More 1.4.0.1

☐ PowerTools 1.1.0

Library tag attributes (?)

☒ Normalized CSS

Add Resources

Info

Testing Ajax requests

Examples

Legal stuff and credits

HTML

```
<title>Mandelbrot Set</title>
<div id="out"></div>
```

JavaScript

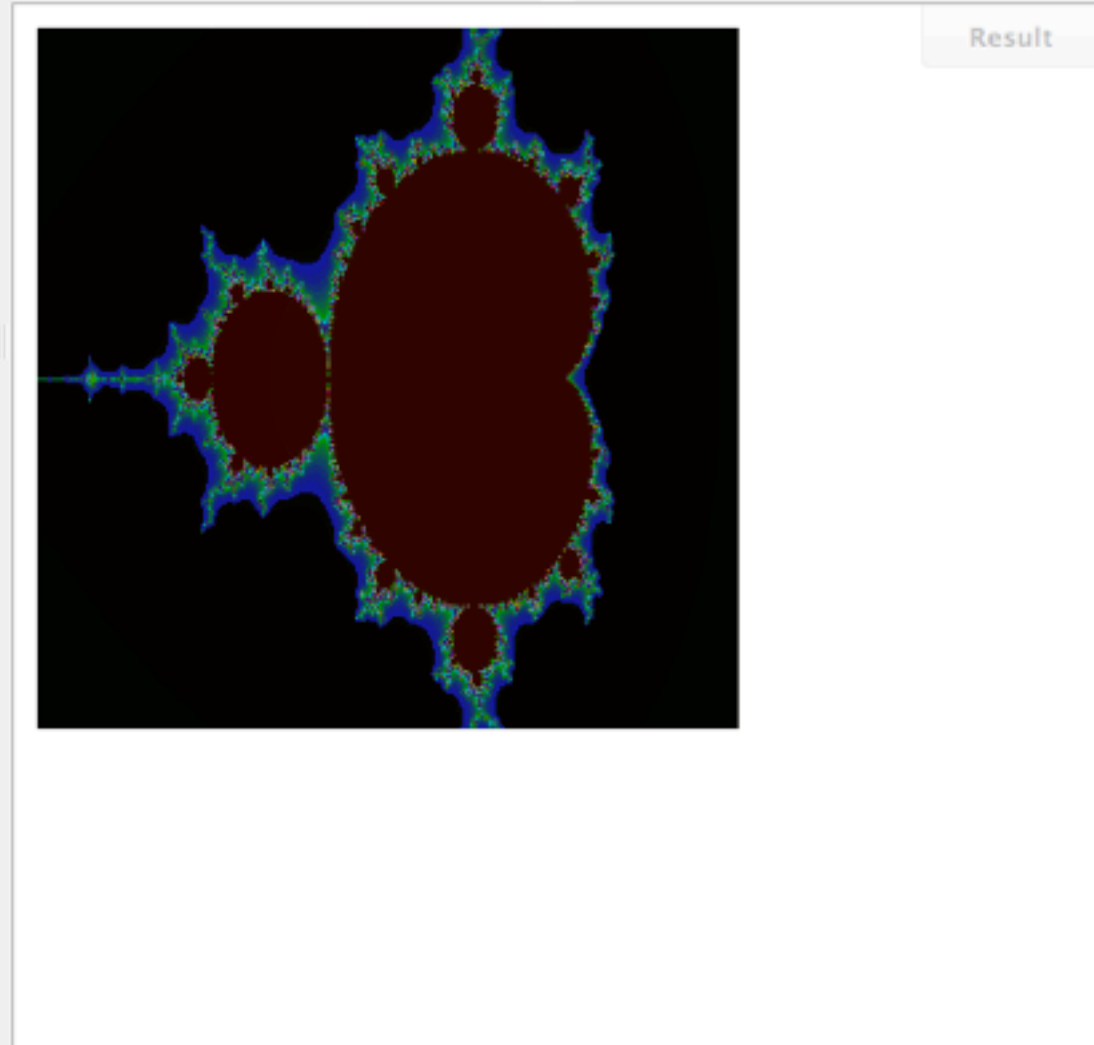
```
// This is a 140byt.es entry, hosted at
https://gist.github.com/1257323
// initiated by @sylvinus, golfed down to death by @fgnass !

var mandelbrot =
////////////////////////////////////////
function(z,s,r,i,k,n,w){for(w=z*z,n=w;n-
-;s[w-n]='█'.fontcolor('#'+k*9))for(r=i=k=0;r*r+i*i+k++
<z;i=t)t=2*r*i+1-2*n/w,r=r-r*i+1-3*n/z%3}

var a = [];
mandelbrot(300,a); //First parameter is the render width. Change
it here and in the CSS
document.getElementById('out').innerHTML = a.join('');
```

CSS

```
#out {
font-size:1px;
width:300px;
word-wrap:break-word;
}
```



Thanks

Want to join the dark side of the force?
Joshfire is hiring JediS ;-)