

Converting Colors

RGB(93, 247, 176)

Have a look what the booklet for
RGB(93, 247, 176) contains.

RGB(93, 247, 176)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(93, 247, 176)

Conversions

Conversions Part 1

Format	Color
Hex	5DF7B0
RGB	93, 247, 176
RGB Percent	36%, 97%, 69%
CMY	0.6353, 0.0314, 0.3098
CMYK	0.62, 0.00, 0.29, 0.03
HSL	152°, 91%, 67%
HSV	152°, 62%, 97%
XYZ	45.6114, 71.9833, 52.5645
YIQ	192.8600, -68.9930, -54.7290

Conversions

Conversions Part 2

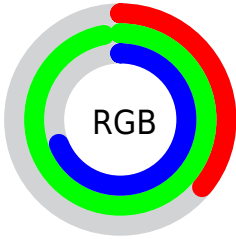
Format	Color
RYB	93, 193, 247
Decimal	6158256
CIELab	87.96, -56.65, 22.35
CIELCh	88, 60.899, 158.472
Yxy	71.9833, 0.2681, 0.4230
Android (android.graphics.Color)	4284348336 (0xFF5DF7B0)
YUV	192.8600, -8.3120, -87.5772
Hunter-Lab	84.8430, -52.5139, 22.6569

Details

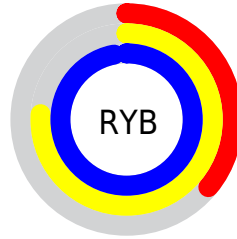
The RGB color **93, 247, 176** is a light color, and the websafe version is hex **66FFCC**. The color can be described as light muted spring green. A complement of this color would be **247, 93, 164**, and the grayscale version is **193, 193, 193**.

A 20% lighter version of the original color is **156, 255, 232**, and **0, 190, 123** is the 20% darker color. If you saturate the color by 10%, you get **68, 247, 165**, and if you desaturate by 10%, it is **118, 247, 187**.

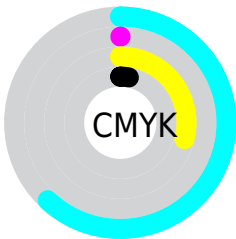
Distribution



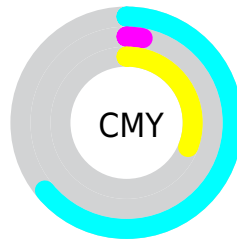
- Red (36%)
- Green (97%)
- Blue (69%)



- Red (36%)
- Yellow (76%)
- Blue (97%)



- Cyan (62%)
- Magenta (0%)
- Yellow (29%)
- Black (3%)



















- Cyan (64%)
- Magenta (3%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the RGB color 93, 247, 176 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the RGB color 93, 247, 176 by changing the saturation by 10% instead.

 93, 247, 176	 93, 247, 176
 255, 255, 255	 56, 218, 149
 156, 255, 232	 0, 190, 123
 187, 255, 255	 0, 162, 98
 218, 255, 255	 0, 135, 74
 248, 255, 255	 0, 108, 51
	 0, 83, 28
	 0, 58, 5
	 0, 35, 0
	 0, 0, 0

■ 93, 247, 176

■ 93, 247, 176

■ 68, 247, 165

■ 118, 247, 187

■ 44, 247, 153

■ 142, 247, 199

■ 19, 247, 142

■ 167, 247, 210

■ 0, 247, 133

■ 192, 247, 222

■ 216, 247, 233

■ 241, 247, 244

■ 255, 247, 255

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



177, 238, 126



93, 247, 176



0, 250, 236

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



93, 247, 176



152, 221, 255



255, 182, 151

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



93, 247, 176



247, 93, 164

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 172, 206



93, 247, 176



247, 199, 255

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



93, 247, 176



0, 238, 255



255, 179, 255



255, 202, 112

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



93, 247, 176



0, 249, 255



255, 179, 255



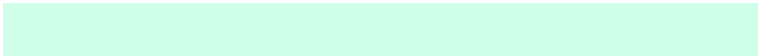
255, 177, 169

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



93, 247, 176



207, 255, 233



165, 247, 93



98, 128, 114



0, 0, 0



128, 128, 128

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



93, 247, 176



64, 255, 167



93, 242, 247



110, 122, 117



0, 186, 100



0, 59, 32

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



247, 93, 164



255, 64, 152



247, 98, 93



122, 110, 116



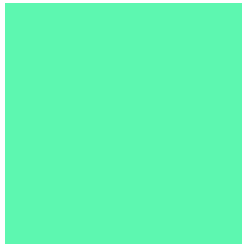
186, 0, 86



59, 0, 27

Previews

White Background



This preview shows how the RGB color 93, 247, 176 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 93, 247, 176 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

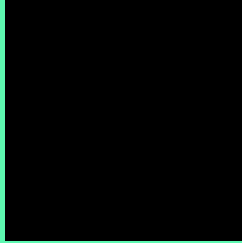
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 93, 247, 176 Background



This preview shows how black text looks on a background with the RGB color 93, 247, 176.

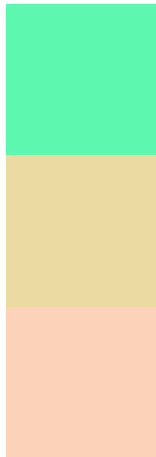


This preview shows how white text looks on a background with the RGB color 93, 247, 176.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color
93, 247, 176

Protanopia
235, 219, 163

Deuteranopia
252, 210, 184



Tritanopia
124, 236, 255

Trichromacy



Original Color

93, 247, 176



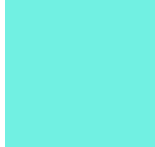
Protanomaly

183, 229, 168



Deuteranomaly

194, 223, 181



Tritanomaly

113, 240, 226

Monochromacy



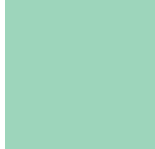
Original Color

93, 247, 176



Achromatopsia

193, 193, 193



Achromatomaly

157, 213, 187

CSS Examples

Text

The CSS property to change the color of the text to RGB 93, 247, 176 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(93, 247, 176)` looks like.

```
.text, #text, p{  
    color:rgb(93, 247, 176)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(93, 247, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 247, 176) }
```

Border

The CSS property to change the border of an element to RGB 93, 247, 176 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(93, 247, 176) }
```

If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(93, 247, 176) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(93, 247, 176) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 247, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 247, 176);  
box-shadow:4px 4px 4px 4px rgb(93, 247,  
176) }
```

Background

The CSS property to change the background color of an element to RGB 93, 247, 176 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 247, 176) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(93, 247,  
176) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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