

Converting Colors

RGB(107, 250, 182)

Have a look what the booklet for
RGB(107, 250, 182) contains.

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Color

RGB(107, 250, 182)

Conversions

Conversions Part 1

Format	Color
Hex	6BFAB6
RGB	107, 250, 182
RGB Percent	42%, 98%, 71%
CMY	0.5804, 0.0196, 0.2863
CMYK	0.57, 0.00, 0.27, 0.02
HSL	151°, 93%, 70%
HSV	151°, 57%, 98%
XYZ	48.6925, 74.8744, 56.1418
YIQ	199.4910, -63.4000, -51.4640

Conversions

Conversions Part 2

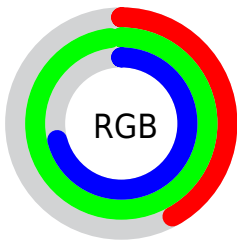
Format	Color
RYB	107, 201, 250
Decimal	7076534
CIELab	89.33, -53.95, 21.23
CIELCh	89, 57.977, 158.515
Yxy	74.8744, 0.2710, 0.4166
Android (android.graphics.Color)	4285266614 (0xFF6BFAB6)
YUV	199.4910, -8.6231, -81.1146
Hunter-Lab	86.5300, -50.9813, 22.1029

Details

The RGB color **107, 250, 182** is a light color, and the websafe version is hex **66FFCC**. A complement of this color would be **250, 107, 175**, and the grayscale version is **200, 200, 200**.

A 20% lighter version of the original color is **168, 255, 238**, and **32, 193, 129** is the 20% darker color. If you saturate the color by 10%, you get **82, 250, 170**, and if you desaturate by 10%, it is **132, 250, 194**.

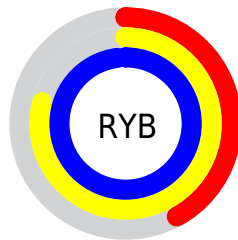
Distribution



Red (42%)

Green (98%)

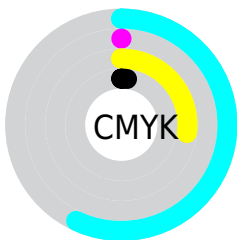
Blue (71%)



Red (42%)

Yellow (79%)

Blue (98%)

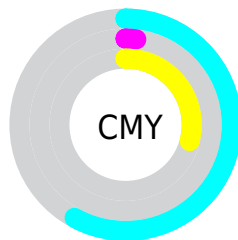


Cyan (57%)

Magenta (0%)

Yellow (27%)

Black (2%)



Cyan (58%)

Magenta (2%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the RGB color 107, 250, 182 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 107, 250, 182 by changing the saturation by 10% instead.

 107, 250, 182


255, 255, 255


 168, 255, 238

 198, 255, 255


 229, 255, 255


 107, 250, 182


 74, 221, 155


 32, 193, 129

 0, 165, 104

 0, 138, 79

 0, 111, 56

 0, 86, 33

 0, 61, 12

 0, 38, 0

 0, 0, 0

 107, 250, 182

 107, 250, 182

 82, 250, 170

 132, 250, 194

 57, 250, 158

 157, 250, 206

 32, 250, 146

 182, 250, 218

 7, 250, 134

 207, 250, 230

 0, 250, 131

 232, 250, 241

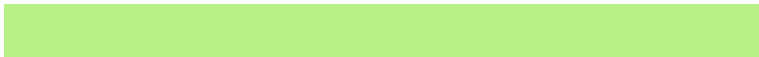
 255, 250, 253

 255, 250, 255

Harmonies

Analogous

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



183, 241, 135



107, 250, 182



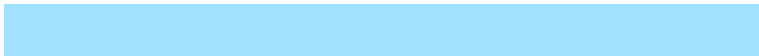
0, 253, 239

Triad

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



107, 250, 182



162, 225, 255



255, 188, 158

Complementary

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



107, 250, 182



250, 107, 175

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, 179, 211



107, 250, 182



250, 204, 255

Square

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



107, 250, 182



0, 241, 255



255, 185, 255



255, 207, 121

Rectangle

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



107, 250, 182



0, 252, 255



255, 185, 255



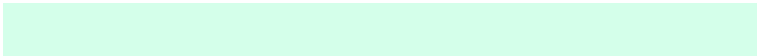
255, 184, 175

Sweetspot

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



107, 250, 182



212, 255, 234



176, 250, 107



102, 128, 115



0, 0, 0



128, 128, 128

Same Dimension

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



107, 250, 182



79, 255, 171



107, 248, 250



112, 125, 119



0, 189, 99



0, 61, 32

Inverse Universe

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



250, 107, 175



255, 79, 163



250, 109, 107



125, 112, 118



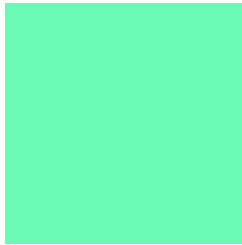
189, 0, 90



61, 0, 29

Previews

White Background



This preview shows how the RGB color 107, 250, 182 looks on a white background.

Color Contrast Check

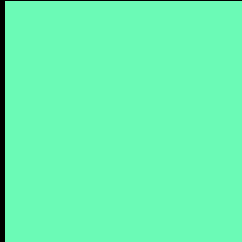
Large Text (above 18pt) WCAG AA × Fail

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 107, 250, 182 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

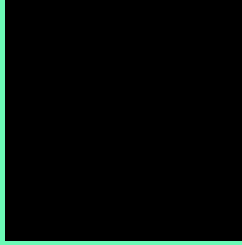
Any Text WCAG AA ✓ Pass

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 107, 250, 182 Background



This preview shows how black text looks on a background with the RGB color 107, 250, 182.

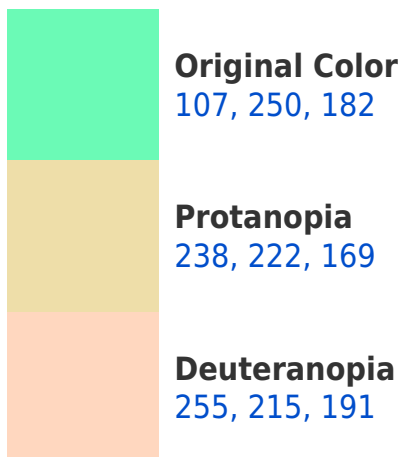


This preview shows how white text looks on a background with the RGB color 107, 250, 182.

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





Tritanopia
147, 238, 255

Trichromacy



Original Color

107, 250, 182



Protanomaly

190, 232, 174



Deuteranomaly

201, 228, 188



Tritanomaly

132, 242, 228

Monochromacy



Original Color

107, 250, 182



Achromatopsia

199, 199, 199



Achromatomaly

166, 218, 193

CSS Examples

Text

The CSS property to change the color of the text to RGB 107, 250, 182 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(107, 250, 182)` looks like.

```
.text, #text, p{  
    color:rgb(107, 250, 182)  
}
```

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(107, 250, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 250, 182) }
```

Border

The CSS property to change the border of an element to RGB 107, 250, 182 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(107, 250, 182) }
```

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

```
.border{ border-color:rgb(107, 250, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 250, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 250, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 250, 182);  
box-shadow:4px 4px 4px 4px rgb(107, 250,  
182) }
```

Background

The CSS property to change the background color of an element to RGB 107, 250, 182 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 250, 182) }
```

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

```
.background{ background-color: rgb(107,  
250, 182) }
```

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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