

Converting Colors

RGB(113, 206, 180)

Have a look what the booklet for
RGB(113, 206, 180) contains.

RGB(113, 206, 180)	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(113, 206, 180)

Conversions

Conversions Part 1

Format	Color
Hex	71CEB4
RGB	113, 206, 180
RGB Percent	44%, 81%, 71%
CMY	0.5569, 0.1922, 0.2941
CMYK	0.45, 0.00, 0.13, 0.19
HSL	163°, 49%, 63%
HSV	163°, 45%, 81%
XYZ	37.1196, 50.9486, 51.0577
YIQ	175.2290, -47.0820, -27.8020

Conversions

Conversions Part 2

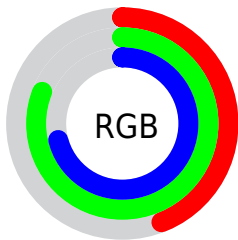
Format	Color
RYB	113, 167, 206
Decimal	7458484
CIELab	76.65, -33.87, 4.36
CIElCh	77, 34.148, 172.669
Yxy	50.9486, 0.2668, 0.3662
Android (android.graphics.Color)	4285648564 (0xFF71CEB4)
YUV	175.2290, 2.3521, -54.5748
Hunter-Lab	71.3783, -32.0849, 7.5540

Details

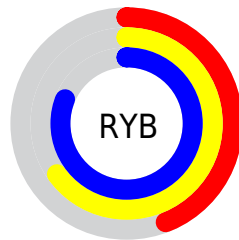
The RGB color **113, 206, 180** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **206, 113, 139**, and the grayscale version is **175, 175, 175**.

A 20% lighter version of the original color is **169, 255, 236**, and **56, 151, 127** is the 20% darker color. If you saturate the color by 10%, you get **92, 206, 174**, and if you desaturate by 10%, it is **134, 206, 186**.

Distribution



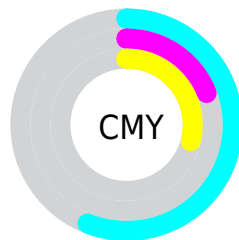
- Red (44%)
- Green (81%)
- Blue (71%)



- Red (44%)
- Yellow (65%)
- Blue (81%)



- Cyan (45%)
- Magenta (0%)
- Yellow (13%)
- Black (19%)



- Cyan (56%)
- Magenta (19%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the RGB color 113, 206, 180 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 113, 206, 180 by changing the saturation by 10% instead.

 113, 206, 180


255, 255, 255


 169, 255, 236


 198, 255, 255

 227, 255, 255

 113, 206, 180

 85, 178, 153

 56, 151, 127

 20, 125, 102

 0, 99, 78

 0, 75, 56

 0, 51, 34

 0, 31, 12

 0, 0, 0

 113, 206, 180

 113, 206, 180

■ 92, 206, 174

■ 134, 206, 186

■ 72, 206, 168

■ 154, 206, 192

■ 51, 206, 163

■ 175, 206, 197

■ 31, 206, 157

■ 195, 206, 203

■ 10, 206, 151

■ 216, 206, 209

■ 0, 206, 148

■ 237, 206, 215

■ 255, 206, 220

■ 255, 206, 226

■ 255, 206, 232

Harmonies

Analogous

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



150, 202, 150



113, 206, 180



86, 206, 212

Triad

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



113, 206, 180



183, 184, 247



242, 174, 140

Complementary

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



113, 206, 180



206, 113, 139

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.



252, 167, 166



113, 206, 180



222, 173, 228

Square

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



113, 206, 180



135, 195, 251



246, 166, 198



218, 185, 127

Rectangle

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



113, 206, 180



86, 204, 231



246, 166, 198



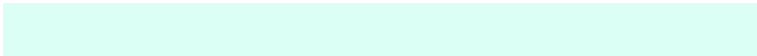
247, 171, 148

Sweetspot

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



113, 206, 180



219, 255, 245



139, 206, 113



106, 128, 121



0, 0, 0



128, 128, 128

Same Dimension

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



113, 206, 180



117, 255, 217



113, 186, 206



92, 102, 99



0, 166, 119



0, 38, 28

Inverse Universe

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



206, 113, 139



255, 117, 156



206, 133, 113



102, 92, 95



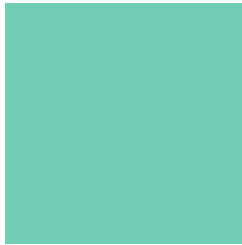
166, 0, 46



38, 0, 11

Previews

White Background



This preview shows how the RGB color 113, 206, 180 looks on a white background.

Color Contrast Check

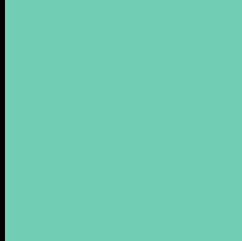
Large Text (above 18pt) WCAG AA × Fail

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 113, 206, 180 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

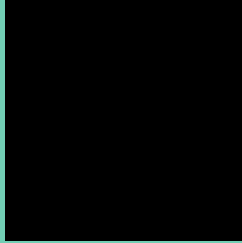
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

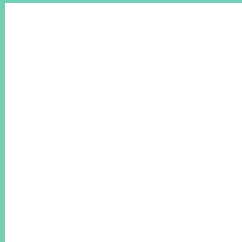
Any Text WCAG AAA ✓ Pass

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

RGB 113, 206, 180 Background



This preview shows how black text looks on a background with the RGB color 113, 206, 180.

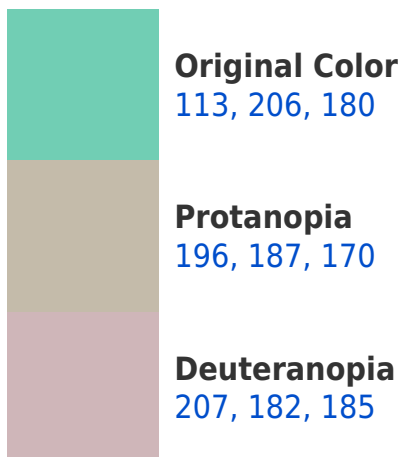


This preview shows how white text looks on a background with the RGB color 113, 206, 180.

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
123, 201, 217

Trichromacy



Original Color

113, 206, 180



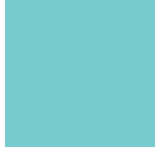
Protanomaly

166, 194, 174



Deuteranomaly

173, 191, 183



Tritanomaly

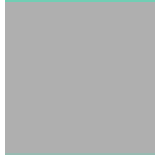
119, 203, 204

Monochromacy



Original Color

113, 206, 180



Achromatopsia

175, 175, 175



Achromatomaly

152, 186, 177

CSS Examples

Text

The CSS property to change the color of the text to RGB 113, 206, 180 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(113, 206, 180)` looks like.

```
.text, #text, p{  
    color:rgb(113, 206, 180)  
}
```

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(113, 206, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 206, 180) }
```

Border

The CSS property to change the border of an element to RGB 113, 206, 180 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(113, 206, 180) }
```

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

```
.border{ border-color:rgb(113, 206, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 206, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(113, 206, 180); -webkit-box-shadow:4px 4px 4px 4px rgb(113, 206, 180); box-shadow:4px 4px 4px 4px rgb(113, 206, 180) }
```

Background

The CSS property to change the background color of an element to RGB 113, 206, 180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 206, 180) }
```

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

```
.background{ background-color: rgb(113,  
206, 180) }
```

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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