

Converting Colors

RGB(107, 209, 189)

Have a look what the booklet for
RGB(107, 209, 189) contains.

RGB(107, 209, 189)	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(107, 209, 189)

Conversions

Conversions Part 1

Format	Color
Hex	6BD1BD
RGB	107, 209, 189
RGB Percent	42%, 82%, 74%
CMY	0.5804, 0.1804, 0.2588
CMYK	0.49, 0.00, 0.10, 0.18
HSL	168°, 53%, 62%
HSV	168°, 49%, 82%
XYZ	38.0492, 52.4009, 56.2531
YIQ	176.2220, -54.3720, -27.8440

Conversions

Conversions Part 2

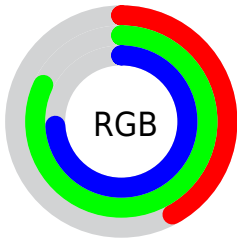
Format	Color
RYB	107, 164, 209
Decimal	7066045
CIELab	77.52, -34.60, 0.76
CIElCh	78, 34.610, 178.742
Yxy	52.4009, 0.2594, 0.3572
Android (android.graphics.Color)	4285256125 (0xFF6BD1BD)
YUV	176.2220, 6.2996, -60.7077
Hunter-Lab	72.3884, -32.8557, 4.5976

Details

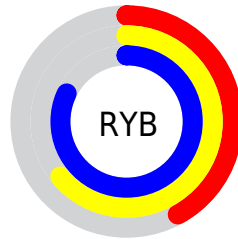
The RGB color **107, 209, 189** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **209, 107, 127**, and the grayscale version is **176, 176, 176**.

A 20% lighter version of the original color is **164, 255, 245**, and **46, 154, 136** is the 20% darker color. If you saturate the color by 10%, you get **86, 209, 185**, and if you desaturate by 10%, it is **128, 209, 193**.

Distribution



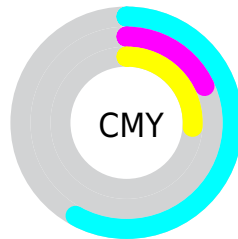
- Red (42%)
- Green (82%)
- Blue (74%)



- Red (42%)
- Yellow (64%)
- Blue (82%)



- Cyan (49%)
- Magenta (0%)
- Yellow (10%)
- Black (18%)



- Cyan (58%)
- Magenta (18%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the RGB color 107, 209, 189 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, 209, 189 by changing the saturation by 10% instead.

 107, 209, 189

255, 255, 255


 164, 255, 245


 193, 255, 255

 223, 255, 255


253, 255, 255

 107, 209, 189

 78, 181, 162

 46, 154, 136

 0, 128, 110

 0, 102, 86

 0, 77, 63

 0, 54, 41

 0, 34, 21

 0, 0, 0

 107, 209, 189

 107, 209, 189

■ 86, 209, 185

■ 128, 209, 193

■ 65, 209, 181

■ 149, 209, 197

■ 44, 209, 177

■ 170, 209, 201

■ 23, 209, 173

■ 191, 209, 205

■ 3, 209, 169

■ 211, 209, 209

■ 0, 209, 168

■ 232, 209, 214

■ 253, 209, 218

■ 255, 209, 222

■ 255, 209, 226

Harmonies

Analogous

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



144, 206, 157



107, 209, 189



84, 208, 221

Triad

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



107, 209, 189



194, 184, 248



241, 178, 138

Complementary

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



107, 209, 189



209, 107, 127

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, 170, 162



107, 209, 189



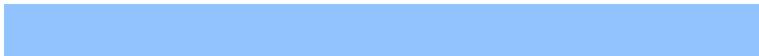
231, 173, 225

Square

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



107, 209, 189



147, 195, 255



252, 168, 194



215, 189, 127

Rectangle

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



107, 209, 189



91, 206, 239



252, 168, 194



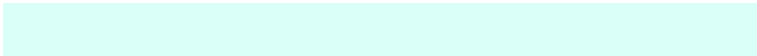
247, 175, 145

Sweetspot

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



107, 209, 189



217, 255, 248



127, 209, 107



105, 128, 123



0, 0, 0



128, 128, 128

Same Dimension

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



107, 209, 189



105, 255, 226



107, 178, 209



94, 105, 103



0, 168, 135



0, 41, 33

Inverse Universe

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



209, 107, 127



255, 105, 134



209, 138, 107



105, 94, 96



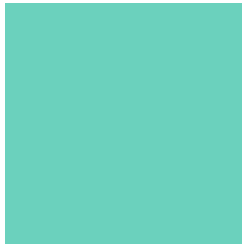
168, 0, 33



41, 0, 8

Previews

White Background



This preview shows how the RGB color 107, 209, 189 looks on a white background.

Color Contrast Check

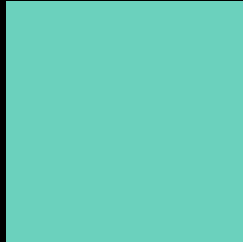
Large Text (above 18pt) WCAG AA × Fail

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, 209, 189 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

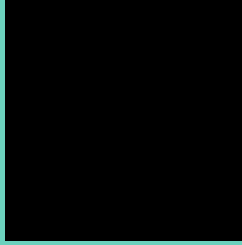
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

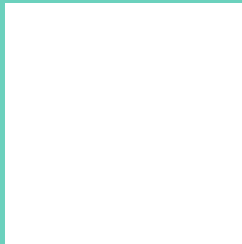
Any Text WCAG AAA ✓ Pass

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

RGB 107, 209, 189 Background



This preview shows how black text looks on a background with the RGB color 107, 209, 189.

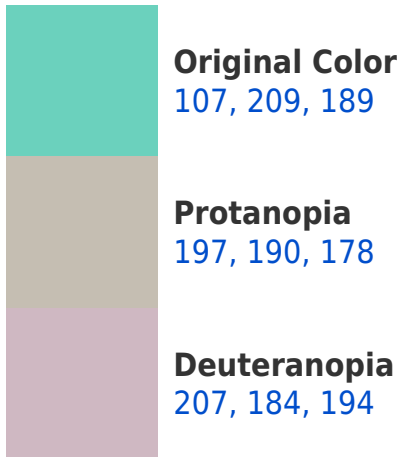


This preview shows how white text looks on a background with the RGB color 107, 209, 189.

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
117, 204, 221

Trichromacy



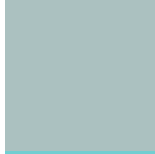
Original Color

107, 209, 189



Protanomaly

164, 197, 182



Deuteranomaly

171, 193, 192



Tritanomaly

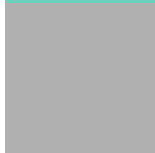
113, 206, 209

Monochromacy



Original Color

107, 209, 189



Achromatopsia

176, 176, 176



Achromatomaly

151, 188, 181

CSS Examples

Text

The CSS property to change the color of the text to RGB 107, 209, 189 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, 209, 189)` looks like.

```
.text, #text, p{  
    color:rgb(107, 209, 189)  
}
```

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, 209, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 209, 189) }
```

Border

The CSS property to change the border of an element to RGB 107, 209, 189 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, 209, 189) }
```

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

```
.border{ border-color:rgb(107, 209, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 209, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 209, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 209, 189);  
box-shadow:4px 4px 4px 4px rgb(107, 209,  
189) }
```

Background

The CSS property to change the background color of an element to RGB 107, 209, 189 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 209, 189) }
```

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

```
.background{ background-color: rgb(107,  
209, 189) }
```

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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