

Converting Colors

RGB(107, 214, 185)

Have a look what the booklet for
RGB(107, 214, 185) contains.

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Color

RGB(107, 214, 185)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 6BD6B9 |
| RGB | 107, 214, 185 |
| RGB Percent | 42%, 84%, 73% |
| CMY | 0.5804, 0.1608, 0.2745 |
| CMYK | 0.50, 0.00, 0.14, 0.16 |
| HSL | 164°, 57%, 63% |
| HSV | 164°, 50%, 84% |
| XYZ | 38.8669, 54.7217, 54.4128 |
| YIQ | 178.7010, -54.4630, -31.7030 |

Conversions

Conversions Part 2

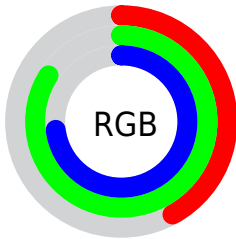
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 107, 169, 214 |
| Decimal | 7067321 |
| CIELab | 78.88, -37.85, 4.88 |
| CIELCh | 79, 38.159, 172.660 |
| Yxy | 54.7217, 0.2626, 0.3697 |
| Android (android.graphics.Color) | 4285257401 (0xFF6BD6B9) |
| YUV | 178.7010, 3.1054, -62.8818 |
| Hunter-Lab | 73.9741, -35.6686, 8.1702 |

Details

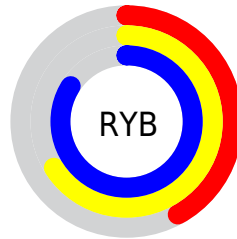
The RGB color **107, 214, 185** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **214, 107, 136**, and the grayscale version is **179, 179, 179**.

A 20% lighter version of the original color is **165, 255, 241**, and **45, 159, 132** is the 20% darker color. If you saturate the color by 10%, you get **86, 214, 179**, and if you desaturate by 10%, it is **128, 214, 191**.

Distribution



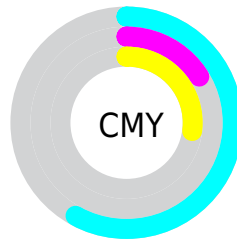
- Red (42%)
- Green (84%)
- Blue (73%)



- Red (42%)
- Yellow (66%)
- Blue (84%)



- Cyan (50%)
- Magenta (0%)
- Yellow (14%)
- Black (16%)



- Cyan (58%)
- Magenta (16%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the RGB color 107, 214, 185 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, 214, 185 by changing the saturation by 10% instead.


 107, 214, 185

 107, 214, 185

255, 255, 255

 78, 186, 158


 165, 255, 241

 45, 159, 132

 194, 255, 255

 0, 132, 107

 223, 255, 255

 0, 106, 83

253, 255, 255

 0, 81, 60

 0, 57, 38

 0, 37, 17

 0, 0, 0

 107, 214, 185

 107, 214, 185

 86, 214, 179

 128, 214, 191

 64, 214, 173

 150, 214, 197

 43, 214, 168

 171, 214, 202

 21, 214, 162

 193, 214, 208

 0, 214, 156

 214, 214, 214

 235, 214, 220

 255, 214, 226

 255, 214, 231

 255, 214, 237

Harmonies

Analogous

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



151, 210, 151



107, 214, 185



70, 214, 221

Triad

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



107, 214, 185



187, 189, 255



253, 178, 140

Complementary

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



107, 214, 185



214, 107, 136

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, 170



107, 214, 185



232, 177, 239

Square

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



107, 214, 185



132, 201, 255



255, 169, 206



227, 190, 125

Rectangle

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



107, 214, 185



69, 212, 242



255, 169, 206



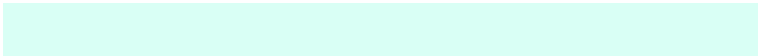
255, 175, 149

Sweetspot

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



107, 214, 185



217, 255, 245



137, 214, 107



105, 128, 121



0, 0, 0



128, 128, 128

Same Dimension

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



107, 214, 185



102, 255, 214



107, 191, 214



96, 107, 104



0, 171, 125



0, 43, 32

Inverse Universe

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



214, 107, 136



255, 102, 143



214, 130, 107



107, 96, 99



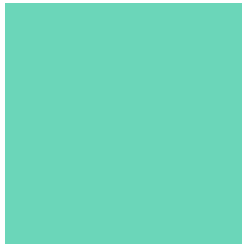
171, 0, 46



43, 0, 12

Previews

White Background



This preview shows how the RGB color 107, 214, 185 looks on a white background.

Color Contrast Check

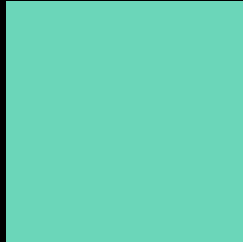
Large Text (above 18pt) WCAG AA × Fail

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, 214, 185 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

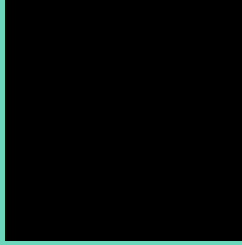
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

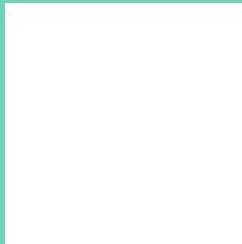
Any Text WCAG AAA ✓ Pass

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

RGB 107, 214, 185 Background



This preview shows how black text looks on a background with the RGB color 107, 214, 185.



This preview shows how white text looks on a background with the RGB color 107, 214, 185.

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
119, 208, 225

Trichromacy



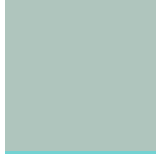
Original Color

107, 214, 185



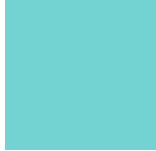
Protanomaly

167, 201, 178



Deuteranomaly

175, 197, 189



Tritanomaly

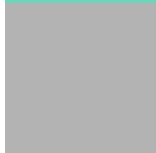
115, 210, 210

Monochromacy



Original Color

107, 214, 185



Achromatopsia

179, 179, 179



Achromatomaly

153, 192, 181

CSS Examples

Text

The CSS property to change the color of the text to RGB 107, 214, 185 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, 214, 185)` looks like.

```
.text, #text, p{  
    color:rgb(107, 214, 185)  
}
```

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, 214, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 214, 185) }
```

Border

The CSS property to change the border of an element to RGB 107, 214, 185 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, 214, 185) }
```

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

```
.border{ border-color:rgb(107, 214, 185) }
```

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

Here you see how a box with a 4 pixel rgb(107, 214, 185) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 214, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 214, 185);  
box-shadow:4px 4px 4px 4px rgb(107, 214,  
185) }
```

Background

The CSS property to change the background color of an element to RGB 107, 214, 185 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 214, 185) }
```

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

```
.background{ background-color: rgb(107,  
214, 185) }
```

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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