

Converting Colors

RGB(123, 205, 164)

Have a look what the booklet for
RGB(123, 205, 164) contains.

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Color

RGB(123, 205, 164)

Conversions

Conversions Part 1

Format	Color
Hex	7BCDA4
RGB	123, 205, 164
RGB Percent	48%, 80%, 64%
CMY	0.5176, 0.1961, 0.3569
CMYK	0.40, 0.00, 0.20, 0.20
HSL	150°, 45%, 64%
HSV	150°, 40%, 80%
XYZ	36.7005, 50.5539, 42.9455
YIQ	175.8080, -35.7110, -30.1350

Conversions

Conversions Part 2

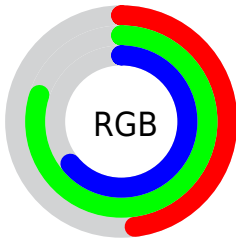
Format	Color
RYB	123, 178, 205
Decimal	8113572
CIELab	76.41, -34.22, 12.65
CIELCh	76, 36.480, 159.708
Yxy	50.5539, 0.2819, 0.3883
Android (android.graphics.Color)	4286303652 (0xFF7BCDA4)
YUV	175.8080, -5.8213, -46.3126
Hunter-Lab	71.1013, -32.2904, 13.9595

Details

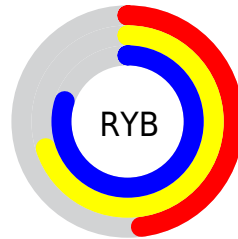
The RGB color **123, 205, 164** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **205, 123, 164**, and the grayscale version is **176, 176, 176**.

A 20% lighter version of the original color is **178, 255, 219**, and **69, 150, 112** is the 20% darker color. If you saturate the color by 10%, you get **103, 205, 154**, and if you desaturate by 10%, it is **144, 205, 174**.

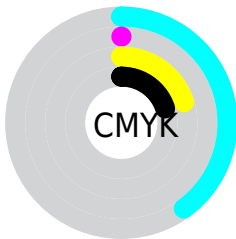
Distribution



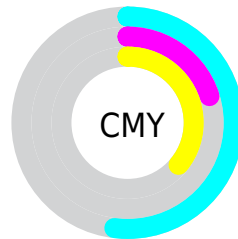
- Red (48%)
- Green (80%)
- Blue (64%)



- Red (48%)
- Yellow (70%)
- Blue (80%)



- Cyan (40%)
- Magenta (0%)
- Yellow (20%)
- Black (20%)



- Cyan (52%)
- Magenta (20%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the RGB color 123, 205, 164 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 123, 205, 164 by changing the saturation by 10% instead.

 123, 205, 164


255, 255, 255


 178, 255, 219

 207, 255, 248

 236, 255, 255

 123, 205, 164

 96, 177, 138

 69, 150, 112

 40, 124, 88

 0, 99, 64

 0, 74, 42

 0, 51, 21

 0, 30, 0

 0, 0, 0

 123, 205, 164

 123, 205, 164

 103, 205, 154

 144, 205, 174

 82, 205, 144

 164, 205, 185

 62, 205, 133

 185, 205, 195

 41, 205, 123

 205, 205, 205

 20, 205, 113

 226, 205, 215

 0, 205, 103

 246, 205, 226

 255, 205, 236

 255, 205, 246

 255, 205, 255

Harmonies

Analogous

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



164, 199, 136



123, 205, 164



84, 207, 199

Triad

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



123, 205, 164



159, 188, 255



251, 168, 147

Complementary

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



123, 205, 164



205, 123, 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, 163, 179



123, 205, 164



207, 176, 240

Square

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



123, 205, 164



106, 198, 251



240, 166, 213



231, 179, 126

Rectangle

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



123, 205, 164



68, 206, 221



240, 166, 213



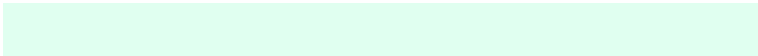
254, 165, 157

Sweetspot

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



123, 205, 164



224, 255, 240



164, 205, 123



110, 128, 119



0, 0, 0



128, 128, 128

Same Dimension

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



123, 205, 164



133, 255, 194



123, 205, 205



92, 102, 97



0, 166, 83



0, 38, 19

Inverse Universe

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



205, 123, 164



255, 133, 194



205, 123, 123



102, 92, 97



166, 0, 83



38, 0, 19

Previews

White Background



This preview shows how the RGB color 123, 205, 164 looks on a white background.

Color Contrast Check

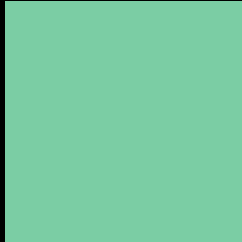
Large Text (above 18pt) WCAG AA × Fail

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 123, 205, 164 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

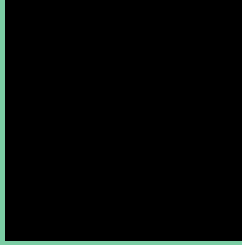
Any Text WCAG AA ✓ Pass

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 123, 205, 164 Background



This preview shows how black text looks on a background with the RGB color 123, 205, 164.

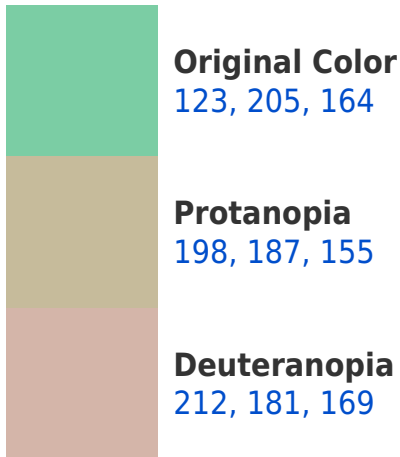


This preview shows how white text looks on a background with the RGB color 123, 205, 164.

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
135, 198, 214

Trichromacy



Original Color

123, 205, 164



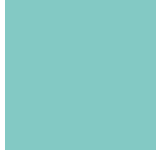
Protanomaly

171, 194, 158



Deuteranomaly

180, 190, 167



Tritanomaly

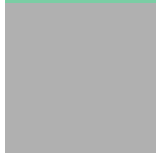
131, 201, 196

Monochromacy



Original Color

123, 205, 164



Achromatopsia

176, 176, 176



Achromatomaly

157, 187, 172

CSS Examples

Text

The CSS property to change the color of the text to RGB 123, 205, 164 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(123, 205, 164)` looks like.

```
.text, #text, p{  
    color:rgb(123, 205, 164)  
}
```

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(123, 205, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 205, 164) }
```

Border

The CSS property to change the border of an element to RGB 123, 205, 164 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(123, 205, 164) }
```

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

```
.border{ border-color:rgb(123, 205, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 205, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 205, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 205, 164);  
box-shadow:4px 4px 4px 4px rgb(123, 205,  
164) }
```

Background

The CSS property to change the background color of an element to RGB 123, 205, 164 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 205, 164) }
```

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

```
.background{ background-color: rgb(123,  
205, 164) }
```

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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