

Converting Colors

RGB(120, 205, 164)

Have a look what the booklet for
RGB(120, 205, 164) contains.

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Color

RGB(120, 205, 164)

Conversions

Conversions Part 1

Format	Color
Hex	78CDA4
RGB	120, 205, 164
RGB Percent	47%, 80%, 64%
CMY	0.5294, 0.1961, 0.3569
CMYK	0.41, 0.00, 0.20, 0.20
HSL	151°, 46%, 64%
HSV	151°, 41%, 80%
XYZ	36.2779, 50.3360, 42.9257
YIQ	174.9110, -37.4990, -30.7710

Conversions

Conversions Part 2

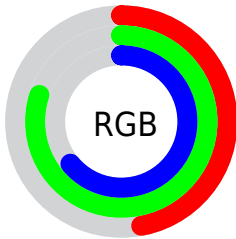
Format	Color
RYB	120, 176, 205
Decimal	7916964
CIELab	76.28, -35.05, 12.44
CIElCh	76, 37.189, 160.450
Yxy	50.3360, 0.2801, 0.3886
Android (android.graphics.Color)	4286107044 (0xFF78CDA4)
YUV	174.9110, -5.3791, -48.1569
Hunter-Lab	70.9479, -32.8862, 13.7912

Details

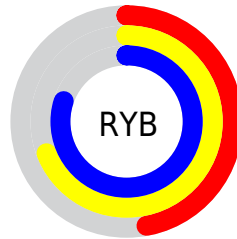
The RGB color **120, 205, 164** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **205, 120, 161**, and the grayscale version is **175, 175, 175**.

A 20% lighter version of the original color is **176, 255, 219**, and **65, 150, 112** is the 20% darker color. If you saturate the color by 10%, you get **100, 205, 154**, and if you desaturate by 10%, it is **140, 205, 174**.

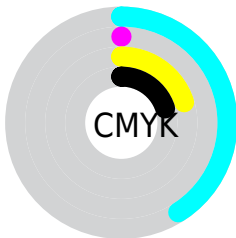
Distribution



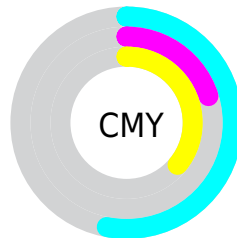
- Red (47%)
- Green (80%)
- Blue (64%)



- Red (47%)
- Yellow (69%)
- Blue (80%)



- Cyan (41%)
- Magenta (0%)
- Yellow (20%)
- Black (20%)



- Cyan (53%)
- Magenta (20%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the RGB color 120, 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 120, 205, 164 by changing the saturation by 10% instead.

 120, 205, 164


255, 255, 255


 176, 255, 219

 204, 255, 248

 233, 255, 255

 120, 205, 164

 93, 177, 138

 65, 150, 112

 36, 124, 88

 0, 99, 64

 0, 74, 42

 0, 51, 21

 0, 30, 0

 0, 0, 0


 120, 205, 164

 120, 205, 164

 100, 205, 154

 140, 205, 174

 79, 205, 144

 161, 205, 184

 58, 205, 134

 181, 205, 194

 38, 205, 124

 202, 205, 204

 17, 205, 115

 222, 205, 213

 0, 205, 106

 243, 205, 223

 255, 205, 233

 255, 205, 243

 255, 205, 253

Harmonies

Analogous

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



162, 199, 135



120, 205, 164



79, 207, 199

Triad

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



120, 205, 164



159, 187, 255



251, 167, 145

Complementary

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



120, 205, 164



205, 120, 161

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, 162, 177



120, 205, 164



208, 175, 241

Square

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



120, 205, 164



104, 198, 252



241, 165, 212



231, 178, 124

Rectangle

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



120, 205, 164



62, 206, 222



241, 165, 212



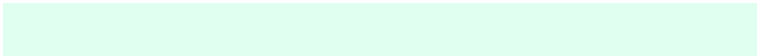
254, 165, 155

Sweetspot

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



120, 205, 164



224, 255, 240



161, 205, 120



110, 128, 119



0, 0, 0



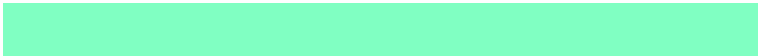
128, 128, 128

Same Dimension

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



120, 205, 164



128, 255, 194



120, 204, 205



92, 102, 97



0, 166, 86



0, 38, 20

Inverse Universe

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



205, 120, 161



255, 128, 189



205, 121, 120



102, 92, 97



166, 0, 80



38, 0, 18

Previews

White Background



This preview shows how the RGB color 120, 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 120, 205, 164 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

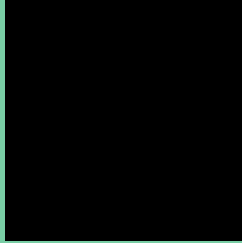
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

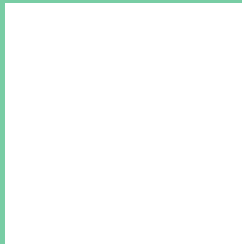
Any Text WCAG AAA ✓ Pass

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

RGB 120, 205, 164 Background



This preview shows how black text looks on a background with the RGB color 120, 205, 164.

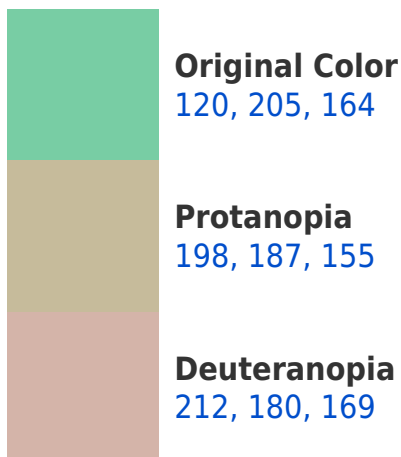


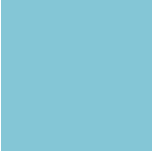
This preview shows how white text looks on a background with the RGB color 120, 205, 164.

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
132, 198, 214

Trichromacy



Original Color

120, 205, 164



Protanomaly

170, 194, 158



Deuteranomaly

179, 189, 167



Tritanomaly

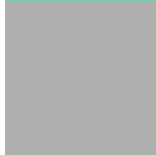
128, 201, 196

Monochromacy



Original Color

120, 205, 164



Achromatopsia

175, 175, 175



Achromatomaly

155, 186, 171

CSS Examples

Text

The CSS property to change the color of the text to RGB 120, 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(120, 205, 164)` looks like.

```
.text, #text, p{  
    color:rgb(120, 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(120, 205, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 205, 164) }
```

Border

The CSS property to change the border of an element to RGB 120, 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(120, 205, 164) }
```

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

```
.border{ border-color:rgb(120, 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(120, 205, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(120, 205, 164); -webkit-box-shadow:4px 4px 4px 4px rgb(120, 205, 164); box-shadow:4px 4px 4px 4px rgb(120, 205, 164) }
```

Background

The CSS property to change the background color of an element to RGB 120, 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(120, 205, 164) }
```

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

```
.background{ background-color: rgb(120,  
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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