

Converting Colors

RGB(104, 225, 167)

Have a look what the booklet for
RGB(104, 225, 167) contains.

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Color

RGB(104, 225, 167)

Conversions

Conversions Part 1

Format	Color
Hex	68E1A7
RGB	104, 225, 167
RGB Percent	41%, 88%, 65%
CMY	0.5922, 0.1176, 0.3451
CMYK	0.54, 0.00, 0.26, 0.12
HSL	151°, 67%, 65%
HSV	151°, 54%, 88%
XYZ	39.6092, 59.5835, 45.9724
YIQ	182.2090, -53.4980, -43.6900

Conversions

Conversions Part 2

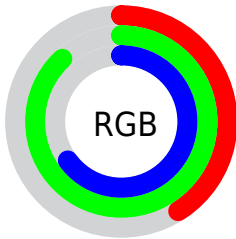
Format	Color
RYB	104, 184, 225
Decimal	6873511
CIELab	81.61, -47.27, 18.25
CIElCh	82, 50.671, 158.884
Yxy	59.5835, 0.2729, 0.4105
Android (android.graphics.Color)	4285063591 (0xFF68E1A7)
YUV	182.2090, -7.4980, -68.5893
Hunter-Lab	77.1904, -43.4883, 18.7218

Details

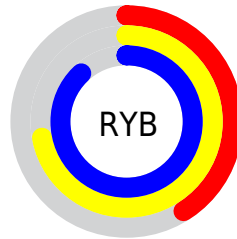
The RGB color **104, 225, 167** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **225, 104, 162**, and the grayscale version is **182, 182, 182**.

A 20% lighter version of the original color is **163, 255, 222**, and **38, 169, 115** is the 20% darker color. If you saturate the color by 10%, you get **82, 225, 156**, and if you desaturate by 10%, it is **126, 225, 178**.

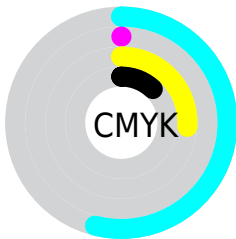
Distribution



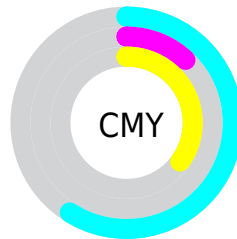
- Red (41%)
- Green (88%)
- Blue (65%)



- Red (41%)
- Yellow (72%)
- Blue (88%)



- Cyan (54%)
- Magenta (0%)
- Yellow (26%)
- Black (12%)



- Cyan (59%)
- Magenta (12%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the RGB color 104, 225, 167 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 104, 225, 167 by changing the saturation by 10% instead.

 104, 225, 167

255, 255, 255


 163, 255, 222


 192, 255, 251

 222, 255, 255


 252, 255, 255


 104, 225, 167


 73, 197, 141

 38, 169, 115

 0, 142, 90

 0, 115, 66

 0, 90, 44

 0, 65, 22

 0, 44, 0

 0, 11, 0

 0, 0, 0

 104, 225, 167

 104, 225, 167

 82, 225, 156


 126, 225, 178

 59, 225, 145

 149, 225, 189

 37, 225, 135

 172, 225, 199

 14, 225, 124

 194, 225, 210

 0, 225, 117

 217, 225, 221

 239, 225, 232

 255, 225, 242

 255, 225, 253

 255, 225, 255

Harmonies

Analogous

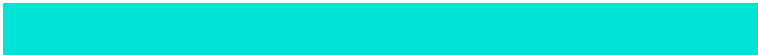
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



167, 217, 127



104, 225, 167



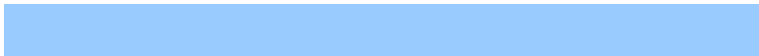
0, 228, 216

Triad

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



104, 225, 167



153, 203, 255



255, 172, 146

Complementary

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



104, 225, 167



225, 104, 162

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, 164, 190



104, 225, 167



226, 185, 255

Square

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



104, 225, 167



27, 217, 255



255, 169, 238



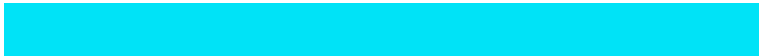
255, 188, 114

Rectangle

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



104, 225, 167



0, 227, 247



255, 169, 238



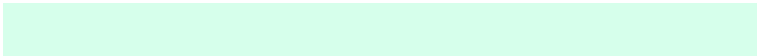
255, 168, 159

Sweetspot

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



104, 225, 167



214, 255, 235



162, 225, 104



103, 128, 116



0, 0, 0



128, 128, 128

Same Dimension

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



104, 225, 167



89, 255, 176



104, 223, 225



101, 112, 107



0, 176, 92



0, 48, 25

Inverse Universe

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



225, 104, 162



255, 89, 169



225, 106, 104



112, 101, 106



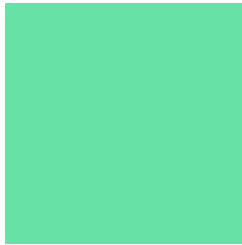
176, 0, 84



48, 0, 23

Previews

White Background



This preview shows how the RGB color 104, 225, 167 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 104, 225, 167 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

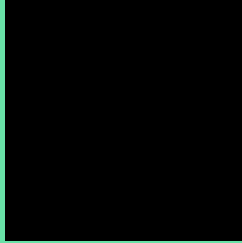
Any Text WCAG AA ✓ Pass

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 104, 225, 167 Background



This preview shows how black text looks on a background with the RGB color 104, 225, 167.

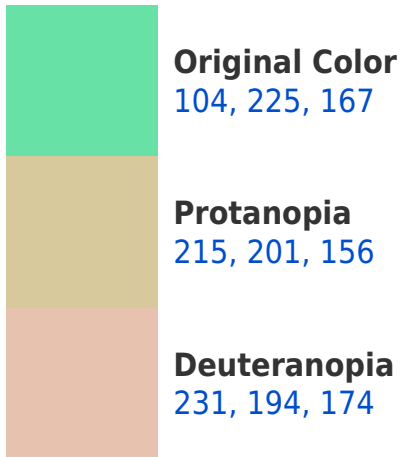


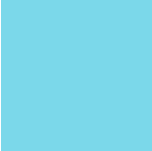
This preview shows how white text looks on a background with the RGB color 104, 225, 167.

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, 216, 234

Trichromacy



Original Color

104, 225, 167



Protanomaly

175, 210, 160



Deuteranomaly

185, 205, 171



Tritanomaly

116, 219, 210

Monochromacy



Original Color

104, 225, 167



Achromatopsia

182, 182, 182



Achromatomaly

154, 198, 177

CSS Examples

Text

The CSS property to change the color of the text to RGB 104, 225, 167 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(104, 225, 167)` looks like.

```
.text, #text, p{  
    color:rgb(104, 225, 167)  
}
```

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(104, 225, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 225, 167) }
```

Border

The CSS property to change the border of an element to RGB 104, 225, 167 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(104, 225, 167) }
```

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

```
.border{ border-color:rgb(104, 225, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 225, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(104, 225, 167); -webkit-box-shadow:4px 4px 4px 4px rgb(104, 225, 167); box-shadow:4px 4px 4px 4px rgb(104, 225, 167) }
```

Background

The CSS property to change the background color of an element to RGB 104, 225, 167 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 225, 167) }
```

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

```
.background{ background-color: rgb(104,  
225, 167) }
```

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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