

Converting Colors

RGB(100, 234, 167)

Have a look what the booklet for
RGB(100, 234, 167) contains.

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Color

RGB(100, 234, 167)

Conversions

Conversions Part 1

Format	Color
Hex	64EAA7
RGB	100, 234, 167
RGB Percent	39%, 92%, 65%
CMY	0.6078, 0.0824, 0.3451
CMYK	0.57, 0.00, 0.29, 0.08
HSL	150°, 76%, 65%
HSV	150°, 57%, 92%
XYZ	41.6534, 64.3450, 46.7837
YIQ	186.2960, -58.3570, -49.2450

Conversions

Conversions Part 2

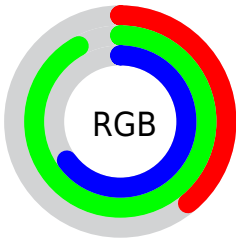
Format	Color
RYB	100, 189, 234
Decimal	6613671
CIELab	84.15, -51.87, 21.75
CIElCh	84, 56.246, 157.256
Yxy	64.3450, 0.2726, 0.4212
Android (android.graphics.Color)	4284803751 (0xFF64EAA7)
YUV	186.2960, -9.5129, -75.6816
Hunter-Lab	80.2153, -47.6871, 21.5712

Details

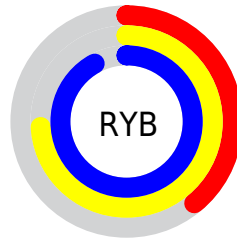
The RGB color **100, 234, 167** is a light color, and the websafe version is hex **66FFCC**. A complement of this color would be **234, 100, 167**, and the grayscale version is **186, 186, 186**.

A 20% lighter version of the original color is **160, 255, 222**, and **24, 177, 115** is the 20% darker color. If you saturate the color by 10%, you get **77, 234, 155**, and if you desaturate by 10%, it is **123, 234, 179**.

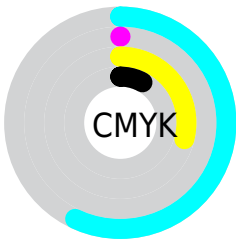
Distribution



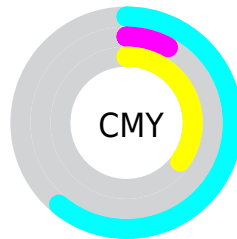
- Red (39%)
- Green (92%)
- Blue (65%)



- Red (39%)
- Yellow (74%)
- Blue (92%)



- Cyan (57%)
- Magenta (0%)
- Yellow (29%)
- Black (8%)



- Cyan (61%)
- Magenta (8%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the RGB color 100, 234, 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 100, 234, 167 by changing the saturation by 10% instead.

 100, 234, 167

255, 255, 255

 160, 255, 222


 190, 255, 251


 220, 255, 255


 250, 255, 255

 100, 234, 167

 67, 205, 140

 24, 177, 115

 0, 150, 90

 0, 123, 66

 0, 97, 43

 0, 72, 21

 0, 49, 0

 0, 23, 0

 0, 0, 0

■ 100, 234, 167

■ 100, 234, 167

■ 77, 234, 155

■ 123, 234, 179

■ 53, 234, 144

■ 147, 234, 190

■ 30, 234, 132

■ 170, 234, 202

■ 6, 234, 120

■ 194, 234, 214

■ 0, 234, 117

■ 217, 234, 226

■ 240, 234, 237

■ 255, 234, 249

■ 255, 234, 255

Harmonies

Analogous

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



173, 225, 122



100, 234, 167



0, 237, 222

Triad

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



100, 234, 167



145, 211, 255



255, 174, 148

Complementary

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



100, 234, 167



234, 100, 167

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, 166, 199



100, 234, 167



231, 191, 255

Square

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



100, 234, 167



0, 226, 255



255, 173, 252



255, 193, 112

Rectangle

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



100, 234, 167



0, 236, 255



255, 173, 252



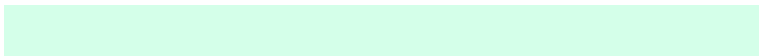
255, 170, 164

Sweetspot

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



100, 234, 167



212, 255, 233



167, 234, 100



102, 128, 115



0, 0, 0



128, 128, 128

Same Dimension

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



100, 234, 167



79, 255, 167



100, 234, 234



106, 117, 111



0, 181, 91



0, 54, 27

Inverse Universe

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



234, 100, 167



255, 79, 167



234, 100, 100



117, 106, 111



181, 0, 91



54, 0, 27

Previews

White Background



This preview shows how the RGB color 100, 234, 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 100, 234, 167 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

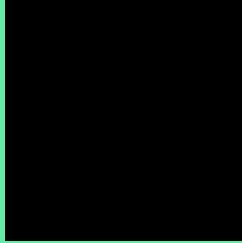
Any Text WCAG AA ✓ Pass

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 100, 234, 167 Background



This preview shows how black text looks on a background with the RGB color 100, 234, 167.

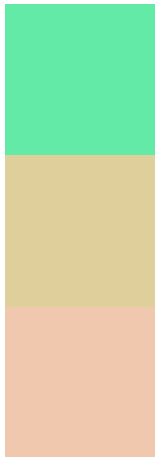


This preview shows how white text looks on a background with the RGB color 100, 234, 167.

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



Original Color
100, 234, 167

Protanopia
223, 208, 155

Deuteranopia
240, 200, 174



Tritanopia
123, 224, 242

Trichromacy



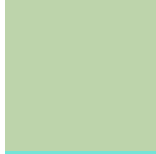
Original Color

100, 234, 167



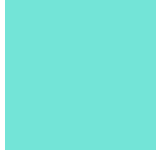
Protanomaly

178, 217, 159



Deuteranomaly

189, 212, 171



Tritanomaly

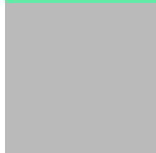
115, 228, 215

Monochromacy



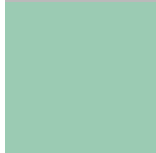
Original Color

100, 234, 167



Achromatopsia

186, 186, 186



Achromatomaly

155, 203, 179

CSS Examples

Text

The CSS property to change the color of the text to RGB 100, 234, 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(100, 234, 167)` looks like.

```
.text, #text, p{  
    color:rgb(100, 234, 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(100, 234, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 234, 167) }
```

Border

The CSS property to change the border of an element to RGB 100, 234, 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(100, 234, 167) }
```

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

```
.border{ border-color:rgb(100, 234, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(100, 234, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(100, 234, 167); -webkit-box-shadow:4px 4px 4px 4px rgb(100, 234, 167); box-shadow:4px 4px 4px 4px rgb(100, 234, 167) }
```

Background

The CSS property to change the background color of an element to RGB 100, 234, 167 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 234, 167) }
```

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

```
.background{ background-color: rgb(100,  
234, 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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