

Converting Colors

RGB(100, 225, 167)

Have a look what the booklet for
RGB(100, 225, 167) contains.

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Color

RGB(100, 225, 167)

Conversions

Conversions Part 1

Format	Color
Hex	64E1A7
RGB	100, 225, 167
RGB Percent	39%, 88%, 65%
CMY	0.6078, 0.1176, 0.3451
CMYK	0.56, 0.00, 0.26, 0.12
HSL	152°, 68%, 64%
HSV	152°, 56%, 88%
XYZ	39.1558, 59.3498, 45.9511
YIQ	181.0130, -55.8820, -44.5380

Conversions

Conversions Part 2

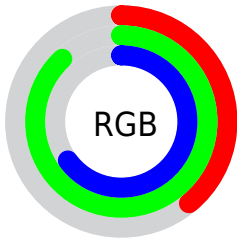
Format	Color
RYB	100, 181, 225
Decimal	6611367
CIELab	81.48, -48.15, 18.06
CIElCh	81, 51.423, 159.442
Yxy	59.3498, 0.2711, 0.4108
Android (android.graphics.Color)	4284801447 (0xFF64E1A7)
YUV	181.0130, -6.9084, -71.0484
Hunter-Lab	77.0388, -44.0934, 18.5626

Details

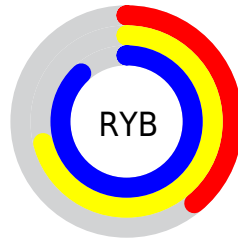
The RGB color **100, 225, 167** is a light color, and the websafe version is hex **33CC99**. A complement of this color would be **225, 100, 158**, and the grayscale version is **181, 181, 181**.

A 20% lighter version of the original color is **159, 255, 222**, and **30, 169, 115** is the 20% darker color. If you saturate the color by 10%, you get **78, 225, 157**, and if you desaturate by 10%, it is **123, 225, 177**.

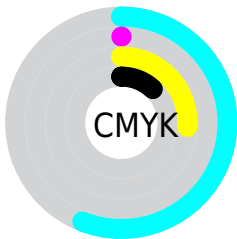
Distribution



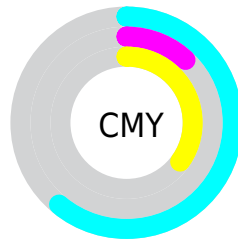
- Red (39%)
- Green (88%)
- Blue (65%)



- Red (39%)
- Yellow (71%)
- Blue (88%)



- Cyan (56%)
- Magenta (0%)
- Yellow (26%)
- Black (12%)



- Cyan (61%)
- Magenta (12%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the RGB color 100, 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 100, 225, 167 by changing the saturation by 10% instead.

 100, 225, 167

255, 255, 255


 159, 255, 222


 189, 255, 251


 219, 255, 255


 249, 255, 255


 100, 225, 167


 69, 197, 141

 30, 169, 115

 0, 142, 90

 0, 115, 66

 0, 90, 44

 0, 65, 22

 0, 44, 0

 0, 10, 0

 0, 0, 0

 100, 225, 167

 100, 225, 167

 78, 225, 157

 123, 225, 177

 55, 225, 146

 145, 225, 188

 32, 225, 136

 168, 225, 198

 10, 225, 125

 190, 225, 209

 0, 225, 121

 212, 225, 219

 235, 225, 230

 255, 225, 240

 255, 225, 251

 255, 225, 255

Harmonies

Analogous

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



165, 217, 126



100, 225, 167



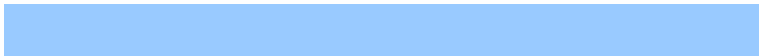
0, 228, 217

Triad

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



100, 225, 167



153, 202, 255



255, 172, 144

Complementary

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



100, 225, 167



225, 100, 158

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, 189



100, 225, 167



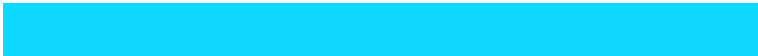
227, 184, 255

Square

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



100, 225, 167



13, 217, 255



255, 168, 237



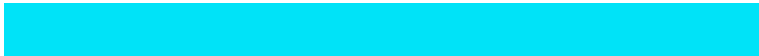
255, 188, 112

Rectangle

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



100, 225, 167



0, 227, 248



255, 168, 237



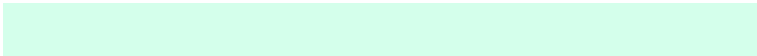
255, 168, 158

Sweetspot

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



100, 225, 167



212, 255, 235



158, 225, 100



102, 128, 116



0, 0, 0



128, 128, 128

Same Dimension

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



100, 225, 167



84, 255, 176



100, 221, 225



101, 112, 107



0, 176, 94



0, 48, 26

Inverse Universe

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



225, 100, 158



255, 84, 163



225, 104, 100



112, 101, 106



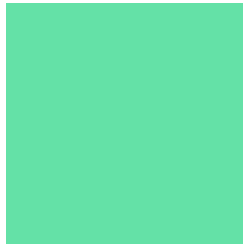
176, 0, 82



48, 0, 22

Previews

White Background



This preview shows how the RGB color 100, 225, 167 looks on a white background.

Color Contrast Check

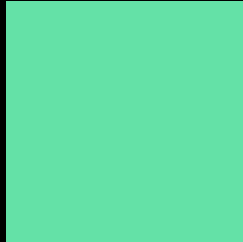
Large Text (above 18pt) WCAG AA × Fail

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 100, 225, 167 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

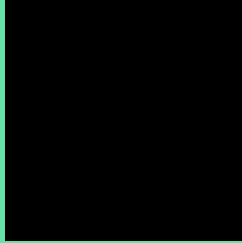
Any Text WCAG AA ✓ Pass

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 100, 225, 167 Background



This preview shows how black text looks on a background with the RGB color 100, 225, 167.

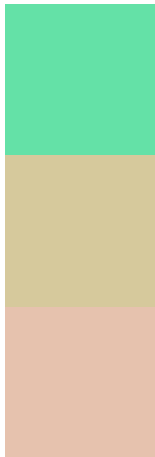


This preview shows how white text looks on a background with the RGB color 100, 225, 167.

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



Original Color
100, 225, 167

Protanopia
214, 201, 156

Deuteranopia
230, 194, 174



Tritanopia
120, 216, 234

Trichromacy



Original Color

100, 225, 167



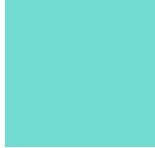
Protanomaly

173, 210, 160



Deuteranomaly

183, 205, 171



Tritanomaly

113, 219, 210

Monochromacy



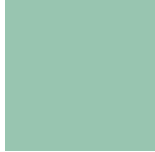
Original Color

100, 225, 167



Achromatopsia

181, 181, 181



Achromatomaly

152, 197, 176

CSS Examples

Text

The CSS property to change the color of the text to RGB 100, 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(100, 225, 167)` looks like.

```
.text, #text, p{  
    color:rgb(100, 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(100, 225, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 225, 167) }
```

Border

The CSS property to change the border of an element to RGB 100, 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(100, 225, 167) }
```

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

```
.border{ border-color:rgb(100, 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(100, 225, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(100, 225, 167); -webkit-box-shadow:4px 4px 4px 4px rgb(100, 225, 167); box-shadow:4px 4px 4px 4px rgb(100, 225, 167) }
```

Background

The CSS property to change the background color of an element to RGB 100, 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(100, 225, 167) }
```

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

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