

Converting Colors

RGB(135, 222, 168)

Have a look what the booklet for
RGB(135, 222, 168) contains.

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Color

RGB(135, 222, 168)

Conversions

Conversions Part 1

Format	Color
Hex	87DEA8
RGB	135, 222, 168
RGB Percent	53%, 87%, 66%
CMY	0.4706, 0.1294, 0.3412
CMYK	0.39, 0.00, 0.24, 0.13
HSL	143°, 57%, 70%
HSV	143°, 39%, 87%
XYZ	43.1808, 60.2206, 46.3937
YIQ	189.8310, -34.5180, -35.2380

Conversions

Conversions Part 2

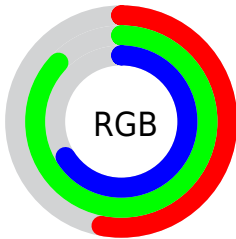
Format	Color
RYB	135, 198, 222
Decimal	8904360
CIELab	81.96, -37.86, 18.40
CIELCh	82, 42.091, 154.085
Yxy	60.2206, 0.2883, 0.4020
Android (android.graphics.Color)	4287094440 (0xFF87DEA8)
YUV	189.8310, -10.7627, -48.0868
Hunter-Lab	77.6019, -36.4788, 18.8753

Details

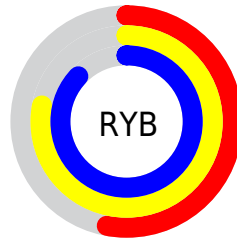
The RGB color **135, 222, 168** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **222, 135, 189**, and the grayscale version is **190, 190, 190**.

A 20% lighter version of the original color is **191, 255, 223**, and **80, 166, 116** is the 20% darker color. If you saturate the color by 10%, you get **113, 222, 154**, and if you desaturate by 10%, it is **157, 222, 182**.

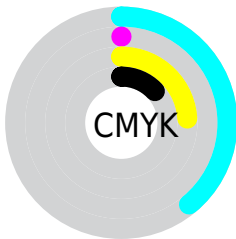
Distribution



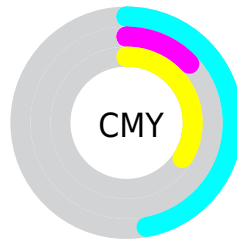
- Red (53%)
- Green (87%)
- Blue (66%)



- Red (53%)
- Yellow (78%)
- Blue (87%)



- Cyan (39%)
- Magenta (0%)
- Yellow (24%)
- Black (13%)



- Cyan (47%)
- Magenta (13%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the RGB color 135, 222, 168 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 135, 222, 168 by changing the saturation by 10% instead.


 135, 222, 168

 135, 222, 168


255, 255, 255

 108, 194, 141

 191, 255, 223


 80, 166, 116


 220, 255, 252

 52, 140, 91

 249, 255, 255

 18, 114, 67

 0, 88, 45

 0, 64, 23

 0, 42, 0

 0, 13, 0

 0, 0, 0

 135, 222, 168

 135, 222, 168

 113, 222, 154

 157, 222, 182

 91, 222, 140

 179, 222, 196

 68, 222, 127

 202, 222, 209

 46, 222, 113

 224, 222, 223

 24, 222, 99

 246, 222, 237

 2, 222, 85

 255, 222, 251

 0, 222, 84

 255, 222, 255

Harmonies

Analogous

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



183, 215, 137



135, 222, 168



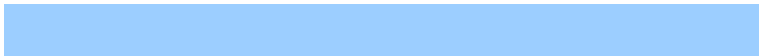
82, 225, 208

Triad

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



135, 222, 168



156, 206, 255



255, 178, 162

Complementary

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



135, 222, 168



222, 135, 189

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, 173, 200



135, 222, 168



216, 192, 255

Square

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



135, 222, 168



88, 217, 255



255, 179, 239



255, 190, 134

Rectangle

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



135, 222, 168



49, 225, 235



255, 179, 239



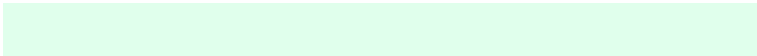
255, 175, 174

Sweetspot

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



135, 222, 168



224, 255, 236



190, 222, 135



110, 128, 116



0, 0, 0



128, 128, 128

Same Dimension

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



135, 222, 168



135, 255, 181



135, 222, 210



101, 112, 105



0, 176, 67



0, 48, 18

Inverse Universe

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



222, 135, 189



255, 135, 210



222, 135, 147



112, 101, 108



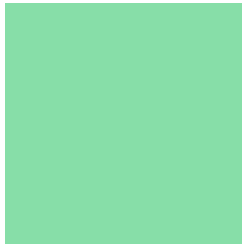
176, 0, 109



48, 0, 30

Previews

White Background



This preview shows how the RGB color 135, 222, 168 looks on a white background.

Color Contrast Check

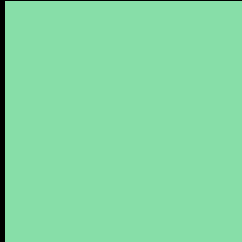
Large Text (above 18pt) WCAG AA × Fail

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 135, 222, 168 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

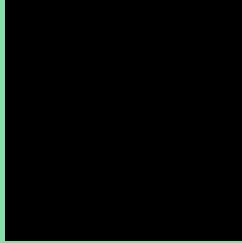
Any Text WCAG AA ✓ Pass

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 135, 222, 168 Background



This preview shows how black text looks on a background with the RGB color 135, 222, 168.



This preview shows how white text looks on a background with the RGB color 135, 222, 168.

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
135, 222, 168

Protanopia
216, 202, 159

Deuteranopia
233, 195, 174



Tritanopia
149, 214, 231

Trichromacy



Original Color

135, 222, 168



Protanomaly

187, 209, 162



Deuteranomaly

197, 205, 172



Tritanomaly

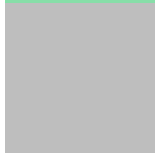
144, 217, 208

Monochromacy



Original Color

135, 222, 168



Achromatopsia

190, 190, 190



Achromatomaly

170, 202, 182

CSS Examples

Text

The CSS property to change the color of the text to RGB 135, 222, 168 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(135, 222, 168)` looks like.

```
.text, #text, p{  
    color:rgb(135, 222, 168)  
}
```

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(135, 222, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 222, 168) }
```

Border

The CSS property to change the border of an element to RGB 135, 222, 168 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(135, 222, 168) }
```

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

```
.border{ border-color:rgb(135, 222, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 222, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 222, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 222, 168);  
box-shadow:4px 4px 4px 4px rgb(135, 222,  
168) }
```

Background

The CSS property to change the background color of an element to RGB 135, 222, 168 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 222, 168) }
```

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

```
.background{ background-color: rgb(135,  
222, 168) }
```

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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