

Converting Colors

RGB(135, 242, 178)

Have a look what the booklet for
RGB(135, 242, 178) contains.

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Color

RGB(135, 242, 178)

Conversions

Conversions Part 1

Format	Color
Hex	87F2B2
RGB	135, 242, 178
RGB Percent	53%, 95%, 70%
CMY	0.4706, 0.0510, 0.3020
CMYK	0.44, 0.00, 0.26, 0.05
HSL	144°, 80%, 74%
HSV	144°, 44%, 95%
XYZ	49.7797, 71.8695, 53.3680
YIQ	202.7110, -43.2280, -42.5880

Conversions

Conversions Part 2

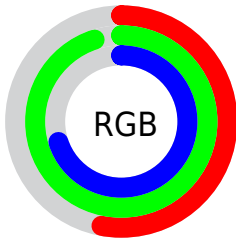
Format	Color
RYB	135, 211, 242
Decimal	8909490
CIELab	87.91, -44.84, 21.46
CIELCh	88, 49.706, 154.425
Yxy	71.8695, 0.2844, 0.4106
Android (android.graphics.Color)	4287099570 (0xFF87F2B2)
YUV	202.7110, -12.1825, -59.3825
Hunter-Lab	84.7759, -43.5441, 22.0189

Details

The RGB color **135, 242, 178** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **242, 135, 199**, and the grayscale version is **203, 203, 203**.

A 20% lighter version of the original color is **193, 255, 234**, and **77, 185, 125** is the 20% darker color. If you saturate the color by 10%, you get **111, 242, 164**, and if you desaturate by 10%, it is **159, 242, 192**.

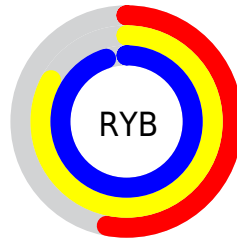
Distribution



Red (53%)

Green (95%)

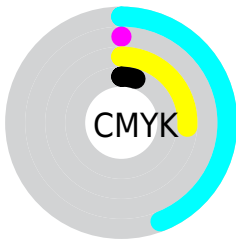
Blue (70%)



Red (53%)

Yellow (83%)

Blue (95%)

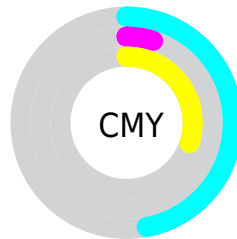


Cyan (44%)

Magenta (0%)

Yellow (26%)

Black (5%)



Cyan (47%)

Magenta (5%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the RGB color 135, 242, 178 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, 242, 178 by changing the saturation by 10% instead.

 135, 242, 178

255, 255, 255


 193, 255, 234


 222, 255, 255


 252, 255, 255


 135, 242, 178


 106, 213, 151

 77, 185, 125

 46, 158, 100

 0, 131, 76

 0, 105, 52

 0, 80, 30

 0, 56, 8

 0, 35, 0

 0, 0, 0

 135, 242, 178

 135, 242, 178

 111, 242, 164

 159, 242, 192

 87, 242, 149

 183, 242, 207

 62, 242, 135

 208, 242, 221

 38, 242, 120

 232, 242, 236

 14, 242, 106

 255, 242, 250

 0, 242, 97

 255, 242, 255

Harmonies

Analogous

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



194, 233, 140



135, 242, 178



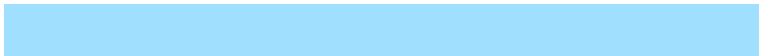
54, 245, 226

Triad

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



135, 242, 178



161, 223, 255



255, 189, 169

Complementary

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



135, 242, 178



242, 135, 199

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, 183, 215



135, 242, 178



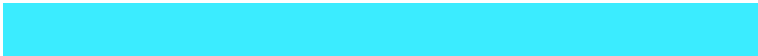
235, 206, 255

Square

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



135, 242, 178



59, 236, 255



255, 190, 255



255, 203, 136

Rectangle

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



135, 242, 178



0, 245, 255



255, 190, 255



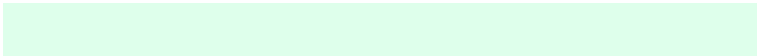
255, 185, 184

Sweetspot

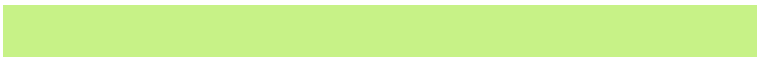
The Sweet Spot groups the original color and five complimentary colors.



135, 242, 178



222, 255, 235



199, 242, 135



107, 128, 115



0, 0, 0



128, 128, 128

Same Dimension

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



135, 242, 178



120, 255, 174



135, 242, 231



108, 120, 113



0, 184, 74



0, 56, 23

Inverse Universe

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



242, 135, 199



255, 120, 201



242, 135, 146



120, 108, 115



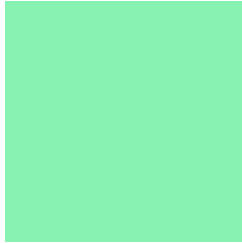
184, 0, 110



56, 0, 34

Previews

White Background



This preview shows how the RGB color 135, 242, 178 looks on a white background.

Color Contrast Check

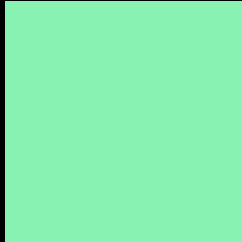
Large Text (above 18pt) WCAG AA × Fail

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, 242, 178 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

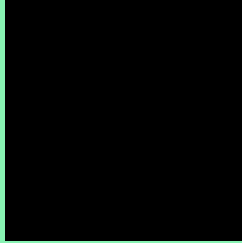
Any Text WCAG AA ✓ Pass

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, 242, 178 Background



This preview shows how black text looks on a background with the RGB color 135, 242, 178.

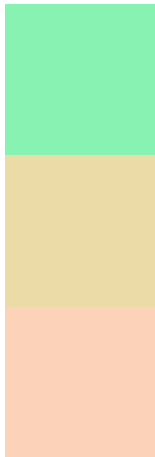


This preview shows how white text looks on a background with the RGB color 135, 242, 178.

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, 242, 178

Protanopia
234, 219, 167

Deuteranopia
252, 211, 185



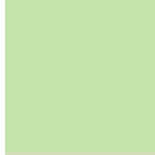
Tritanopia
152, 232, 251

Trichromacy



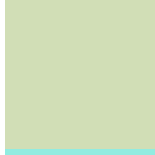
Original Color

135, 242, 178



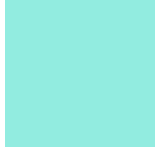
Protanomaly

198, 227, 171



Deuteranomaly

209, 222, 182



Tritanomaly

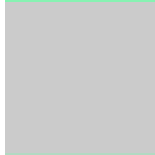
146, 236, 224

Monochromacy



Original Color

135, 242, 178



Achromatopsia

203, 203, 203



Achromatomaly

178, 217, 194

CSS Examples

Text

The CSS property to change the color of the text to RGB 135, 242, 178 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, 242, 178)` looks like.

```
.text, #text, p{  
    color:rgb(135, 242, 178)  
}
```

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, 242, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 242, 178) }
```

Border

The CSS property to change the border of an element to RGB 135, 242, 178 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, 242, 178) }
```

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

```
.border{ border-color:rgb(135, 242, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 242, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 242, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 242, 178);  
box-shadow:4px 4px 4px 4px rgb(135, 242,  
178) }
```

Background

The CSS property to change the background color of an element to RGB 135, 242, 178 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 242, 178) }
```

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

```
.background{ background-color: rgb(135,  
242, 178) }
```

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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