

Converting Colors

RGB(142, 229, 181)

Have a look what the booklet for
RGB(142, 229, 181) contains.

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Color

RGB(142, 229, 181)

Conversions

Conversions Part 1

Format	Color
Hex	8EE5B5
RGB	142, 229, 181
RGB Percent	56%, 90%, 71%
CMY	0.4431, 0.1020, 0.2902
CMYK	0.38, 0.00, 0.21, 0.10
HSL	147°, 63%, 73%
HSV	147°, 38%, 90%
XYZ	47.5151, 65.1256, 53.7823
YIQ	197.5150, -36.4440, -33.3720

Conversions

Conversions Part 2

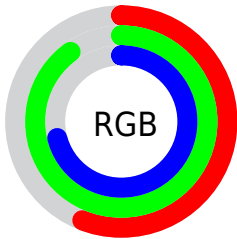
Format	Color
RYB	142, 202, 229
Decimal	9364917
CIELab	84.55, -36.57, 15.26
CIElCh	85, 39.628, 157.347
Yxy	65.1256, 0.2855, 0.3913
Android (android.graphics.Color)	4287554997 (0xFF8EE5B5)
YUV	197.5150, -8.1419, -48.6867
Hunter-Lab	80.7004, -36.1278, 16.9769

Details

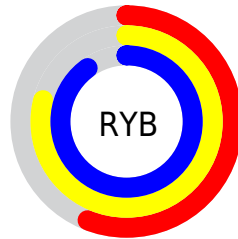
The RGB color **142, 229, 181** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **229, 142, 190**, and the grayscale version is **198, 198, 198**.

A 20% lighter version of the original color is **198, 255, 237**, and **87, 173, 128** is the 20% darker color. If you saturate the color by 10%, you get **119, 229, 168**, and if you desaturate by 10%, it is **165, 229, 194**.

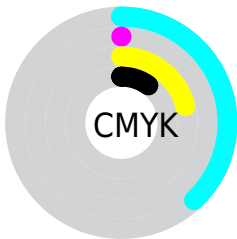
Distribution



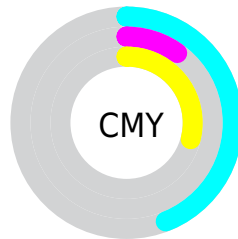
- Red (56%)
- Green (90%)
- Blue (71%)



- Red (56%)
- Yellow (79%)
- Blue (90%)



- Cyan (38%)
- Magenta (0%)
- Yellow (21%)
- Black (10%)



- Cyan (44%)
- Magenta (10%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the RGB color 142, 229, 181 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 142, 229, 181 by changing the saturation by 10% instead.

 142, 229, 181


255, 255, 255


 198, 255, 237

 227, 255, 255

 142, 229, 181

 114, 201, 154

 87, 173, 128

 59, 146, 103

 28, 120, 79

 0, 95, 56

 0, 70, 34

 0, 47, 13

 0, 25, 0

 0, 0, 0

 142, 229, 181

 142, 229, 181


 119, 229, 168

 165, 229, 194

 96, 229, 156

 188, 229, 206

 73, 229, 143

 211, 229, 219

 50, 229, 130

 234, 229, 232

 28, 229, 118

 255, 229, 244

 5, 229, 105

 255, 229, 255

 0, 229, 103

Harmonies

Analogous

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



187, 222, 150



142, 229, 181



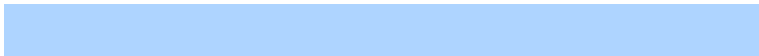
98, 231, 219

Triad

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



142, 229, 181



174, 212, 255



255, 188, 167

Complementary

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



142, 229, 181



229, 142, 190

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, 182, 203



142, 229, 181



228, 198, 255

Square

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



142, 229, 181



115, 223, 255



255, 187, 241



255, 199, 143

Rectangle

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



142, 229, 181



79, 231, 244



255, 187, 241



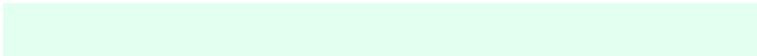
255, 185, 179

Sweetspot

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



142, 229, 181



227, 255, 240



191, 229, 142



111, 128, 118



0, 0, 0



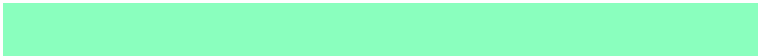
128, 128, 128

Same Dimension

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



142, 229, 181



138, 255, 190



142, 229, 223



103, 115, 108



0, 179, 80



0, 51, 23

Inverse Universe

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



229, 142, 190



255, 138, 202



229, 142, 148



115, 103, 110



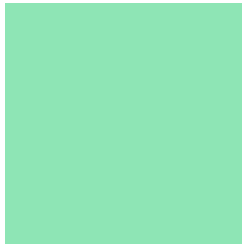
179, 0, 98



51, 0, 28

Previews

White Background



This preview shows how the RGB color 142, 229, 181 looks on a white background.

Color Contrast Check

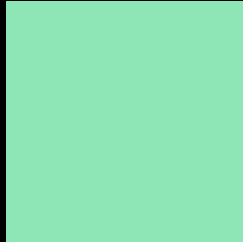
Large Text (above 18pt) WCAG AA × Fail

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 142, 229, 181 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

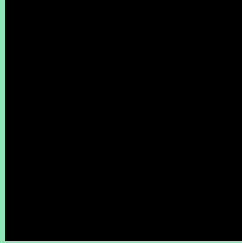
Any Text WCAG AA ✓ Pass

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 142, 229, 181 Background



This preview shows how black text looks on a background with the RGB color 142, 229, 181.

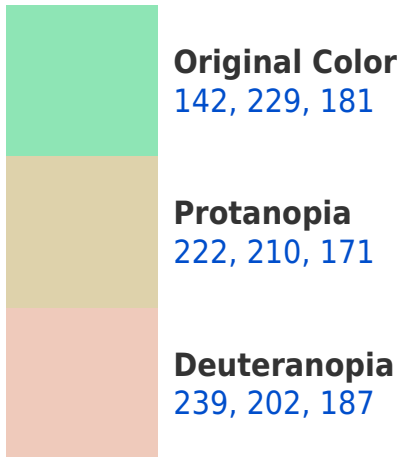


This preview shows how white text looks on a background with the RGB color 142, 229, 181.

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
155, 221, 239

Trichromacy



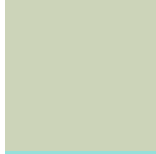
Original Color

142, 229, 181



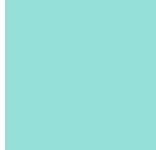
Protanomaly

193, 217, 175



Deuteranomaly

204, 212, 185



Tritanomaly

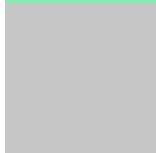
150, 224, 218

Monochromacy



Original Color

142, 229, 181



Achromatopsia

198, 198, 198



Achromatomaly

178, 209, 192

CSS Examples

Text

The CSS property to change the color of the text to RGB 142, 229, 181 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(142, 229, 181)` looks like.

```
.text, #text, p{  
    color:rgb(142, 229, 181)  
}
```

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(142, 229, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 229, 181) }
```

Border

The CSS property to change the border of an element to RGB 142, 229, 181 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(142, 229, 181) }
```

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

```
.border{ border-color:rgb(142, 229, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 229, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 229, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 229, 181);  
box-shadow:4px 4px 4px 4px rgb(142, 229,  
181) }
```

Background

The CSS property to change the background color of an element to RGB 142, 229, 181 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 229, 181) }
```

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

```
.background{ background-color: rgb(142,  
229, 181) }
```

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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