

Converting Colors

RGB(142, 237, 167)

Have a look what the booklet for
RGB(142, 237, 167) contains.

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Color

RGB(142, 237, 167)

Conversions

Conversions Part 1

Format	Color
Hex	8EEDA7
RGB	142, 237, 167
RGB Percent	56%, 93%, 65%
CMY	0.4431, 0.0706, 0.3451
CMYK	0.40, 0.00, 0.30, 0.07
HSL	136°, 73%, 74%
HSV	136°, 40%, 93%
XYZ	48.4146, 69.1092, 47.3469
YIQ	200.6150, -34.1500, -41.9100

Conversions

Conversions Part 2

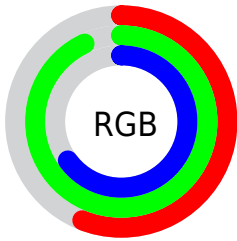
Format	Color
RYB	142, 217, 237
Decimal	9366951
CIELab	86.56, -42.75, 25.30
CIELCh	87, 49.673, 149.377
Yxy	69.1092, 0.2937, 0.4192
Android (android.graphics.Color)	4287557031 (0xFF8EEDA7)
YUV	200.6150, -16.5722, -51.4054
Hunter-Lab	83.1319, -41.5256, 24.4244

Details

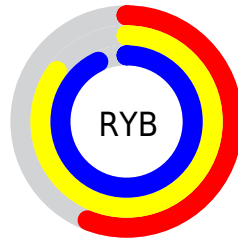
The RGB color **142, 237, 167** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **237, 142, 212**, and the grayscale version is **201, 201, 201**.

A 20% lighter version of the original color is **199, 255, 222**, and **86, 180, 115** is the 20% darker color. If you saturate the color by 10%, you get **118, 237, 150**, and if you desaturate by 10%, it is **166, 237, 184**.

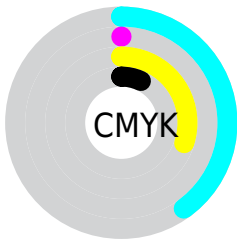
Distribution



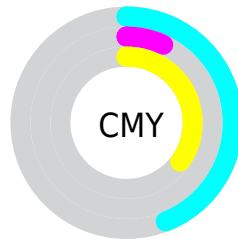
- Red (56%)
- Green (93%)
- Blue (65%)



- Red (56%)
- Yellow (85%)
- Blue (93%)



- Cyan (40%)
- Magenta (0%)
- Yellow (30%)
- Black (7%)



- Cyan (44%)
- Magenta (7%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the RGB color 142, 237, 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 142, 237, 167 by changing the saturation by 10% instead.

 142, 237, 167


255, 255, 255

 199, 255, 222

 228, 255, 251

 142, 237, 167

 114, 208, 140

 86, 180, 115

 57, 153, 90

 23, 127, 66

 0, 101, 43

 0, 76, 20

 0, 52, 0

 0, 31, 0

 0, 0, 0

 142, 237, 167

 142, 237, 167

 118, 237, 150

 166, 237, 184

 95, 237, 132

 189, 237, 202

 71, 237, 115

 213, 237, 219

 47, 237, 97

 237, 237, 237

 24, 237, 80

 255, 237, 254

 0, 237, 62

 255, 237, 255

Harmonies

Analogous

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



199, 228, 132



142, 237, 167



66, 241, 214

Triad

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



142, 237, 167



142, 222, 255



255, 183, 173

Complementary

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



142, 237, 167



237, 142, 212

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, 179, 220



142, 237, 167



220, 205, 255

Square

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



142, 237, 167



10, 234, 255



255, 188, 255



255, 197, 137

Rectangle

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



142, 237, 167



0, 241, 246



255, 188, 255



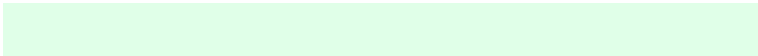
255, 180, 188

Sweetspot

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



142, 237, 167



224, 255, 232



213, 237, 142



110, 128, 114



0, 0, 0



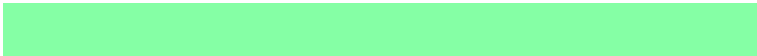
128, 128, 128

Same Dimension

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



142, 237, 167



133, 255, 165



142, 237, 213



106, 117, 109



0, 181, 48



0, 54, 14

Inverse Universe

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



237, 142, 212



255, 133, 223



237, 142, 166



117, 106, 114



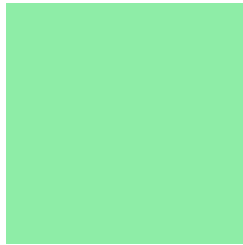
181, 0, 133



54, 0, 39

Previews

White Background



This preview shows how the RGB color 142, 237, 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 142, 237, 167 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

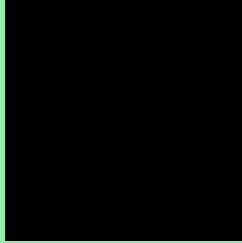
Any Text WCAG AA ✓ Pass

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 142, 237, 167 Background



This preview shows how black text looks on a background with the RGB color 142, 237, 167.

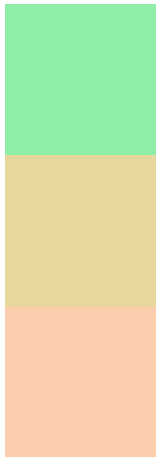


This preview shows how white text looks on a background with the RGB color 142, 237, 167.

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
142, 237, 167

Protanopia
232, 215, 157

Deuteranopia
251, 207, 174



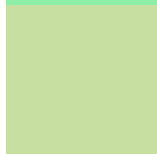
Tritanopia
159, 227, 245

Trichromacy



Original Color

142, 237, 167



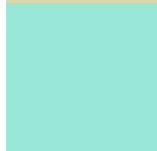
Protanomaly

199, 223, 161



Deuteranomaly

211, 218, 171



Tritanomaly

153, 231, 217

Monochromacy



Original Color

142, 237, 167



Achromatopsia

201, 201, 201



Achromatomaly

180, 214, 189

CSS Examples

Text

The CSS property to change the color of the text to RGB 142, 237, 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(142, 237, 167)` looks like.

```
.text, #text, p{  
    color:rgb(142, 237, 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(142, 237, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 237, 167) }
```

Border

The CSS property to change the border of an element to RGB 142, 237, 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(142, 237, 167) }
```

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

```
.border{ border-color:rgb(142, 237, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 237, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 237, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 237, 167);  
box-shadow:4px 4px 4px 4px rgb(142, 237,  
167) }
```

Background

The CSS property to change the background color of an element to RGB 142, 237, 167 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 237, 167) }
```

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

```
.background{ background-color: rgb(142,  
237, 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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