

Converting Colors

RGB(139, 232, 141)

Have a look what the booklet for
RGB(139, 232, 141) contains.

RGB(139, 232, 141)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(139, 232, 141)

Conversions

Conversions Part 1

Format	Color
Hex	8BE88D
RGB	139, 232, 141
RGB Percent	55%, 91%, 55%
CMY	0.4549, 0.0902, 0.4471
CMYK	0.40, 0.00, 0.39, 0.09
HSL	121°, 67%, 73%
HSV	121°, 40%, 91%
XYZ	44.3118, 65.1253, 35.4343
YIQ	193.8190, -26.2170, -48.0170

Conversions

Conversions Part 2

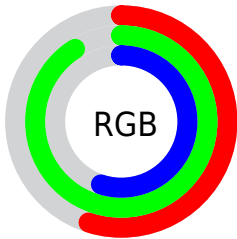
Format	Color
RYB	139, 230, 232
Decimal	9169037
CIELab	84.55, -45.70, 35.79
CIELCh	85, 58.045, 141.931
Yxy	65.1253, 0.3059, 0.4495
Android (android.graphics.Color)	4287359117 (0xFF8BE88D)
YUV	193.8190, -26.0398, -48.0763
Hunter-Lab	80.7002, -43.2126, 30.4568

Details

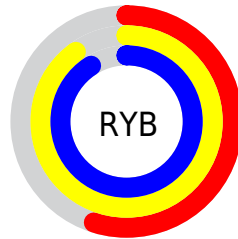
The RGB color **139, 232, 141** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **232, 139, 230**, and the grayscale version is **194, 194, 194**.

A 20% lighter version of the original color is **196, 255, 195**, and **83, 176, 89** is the 20% darker color. If you saturate the color by 10%, you get **116, 232, 118**, and if you desaturate by 10%, it is **162, 232, 164**.

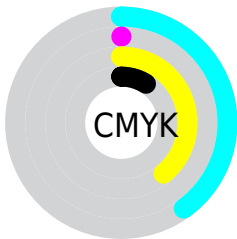
Distribution



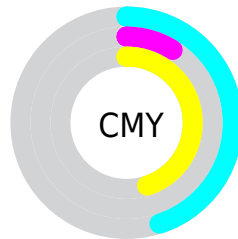
- Red (55%)
- Green (91%)
- Blue (55%)



- Red (55%)
- Yellow (90%)
- Blue (91%)



- Cyan (40%)
- Magenta (0%)
- Yellow (39%)
- Black (9%)



- Cyan (45%)
- Magenta (9%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the RGB color 139, 232, 141 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 139, 232, 141 by changing the saturation by 10% instead.

 139, 232, 141


255, 255, 255

 196, 255, 195


 225, 255, 224

255, 255, 253

 139, 232, 141

 111, 204, 115

 83, 176, 89

 54, 149, 65

 16, 122, 40

 0, 97, 15

 0, 72, 0

 0, 49, 0

 0, 25, 0

 0, 0, 0

 139, 232, 141

 139, 232, 141

 116, 232, 118

 162, 232, 164

 93, 232, 96

 185, 232, 186

 69, 232, 73

 209, 232, 209

 46, 232, 50

 232, 232, 232

 23, 232, 27

 255, 232, 255

 0, 232, 5

 255, 232, 255

Harmonies

Analogous

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



204, 220, 105



139, 232, 141



6, 238, 194

Triad

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



139, 232, 141



69, 221, 255



255, 168, 173

Complementary

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



139, 232, 141



232, 139, 230

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, 167, 228



139, 232, 141



192, 202, 255

Square

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



139, 232, 141



0, 233, 255



255, 181, 255



255, 183, 126

Rectangle

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



139, 232, 141



0, 239, 232



255, 181, 255



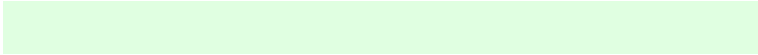
255, 165, 191

Sweetspot

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



139, 232, 141



224, 255, 225



230, 232, 139



110, 128, 110



0, 0, 0



128, 128, 128

Same Dimension

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



139, 232, 141



133, 255, 135



139, 232, 187



103, 115, 104



0, 179, 4



0, 51, 1

Inverse Universe

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



232, 139, 230



255, 133, 252



232, 139, 184



115, 103, 115



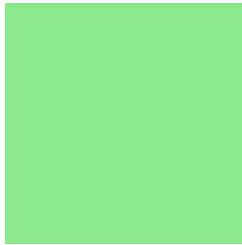
179, 0, 175



51, 0, 50

Previews

White Background



This preview shows how the RGB color 139, 232, 141 looks on a white background.

Color Contrast Check

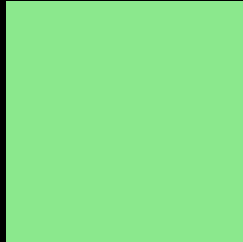
Large Text (above 18pt) WCAG AA × Fail

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 139, 232, 141 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 139, 232, 141 Background



This preview shows how black text looks on a background with the RGB color 139, 232, 141.



This preview shows how white text looks on a background with the RGB color 139, 232, 141.

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
139, 232, 141

Protanopia
229, 210, 132

Deuteranopia
250, 201, 148



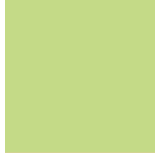
Tritanopia
158, 220, 238

Trichromacy



Original Color

139, 232, 141



Protanomaly

196, 218, 135



Deuteranomaly

210, 212, 145



Tritanomaly

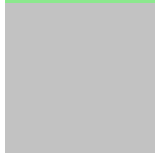
151, 224, 203

Monochromacy



Original Color

139, 232, 141



Achromatopsia

194, 194, 194



Achromatomaly

174, 208, 175

CSS Examples

Text

The CSS property to change the color of the text to RGB 139, 232, 141 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(139, 232, 141)` looks like.

```
.text, #text, p{  
    color:rgb(139, 232, 141)  
}
```

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(139, 232, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 232, 141) }
```

Border

The CSS property to change the border of an element to RGB 139, 232, 141 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(139, 232, 141) }
```

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

```
.border{ border-color:rgb(139, 232, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 232, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 232, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 232, 141);  
box-shadow:4px 4px 4px 4px rgb(139, 232,  
141) }
```

Background

The CSS property to change the background color of an element to RGB 139, 232, 141 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 232, 141) }
```

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

```
.background{ background-color: rgb(139,  
232, 141) }
```

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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