

Converting Colors

RGB(198, 242, 171)

Have a look what the booklet for
RGB(198, 242, 171) contains.

RGB(198, 242, 171)	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(198, 242, 171)

Conversions

Conversions Part 1

Format	Color
Hex	C6F2AB
RGB	198, 242, 171
RGB Percent	78%, 95%, 67%
CMY	0.2235, 0.0510, 0.3294
CMYK	0.18, 0.00, 0.29, 0.05
HSL	97°, 73%, 81%
HSV	97°, 29%, 95%
XYZ	62.3915, 78.4503, 50.3821
YIQ	220.7500, -3.4330, -31.4090

Conversions

Conversions Part 2

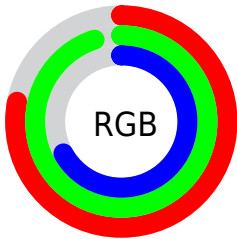
Format	Color
RYB	171, 242, 215
Decimal	13038251
CIELab	90.98, -26.60, 29.76
CIElCh	91, 39.918, 131.786
Yxy	78.4503, 0.3263, 0.4103
Android (android.graphics.Color)	4291228331 (0xFFC6F2AB)
YUV	220.7500, -24.5267, -19.9518
Hunter-Lab	88.5722, -29.2633, 28.2749

Details

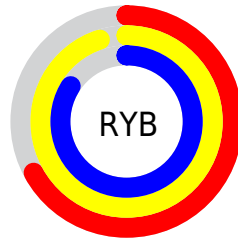
The RGB color **198, 242, 171** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **215, 171, 242**, and the grayscale version is **221, 221, 221**.

A 20% lighter version of the original color is **255, 255, 227**, and **143, 186, 118** is the 20% darker color. If you saturate the color by 10%, you get **183, 242, 147**, and if you desaturate by 10%, it is **213, 242, 195**.

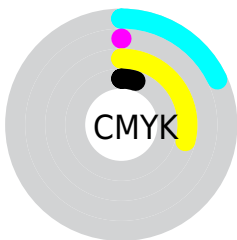
Distribution



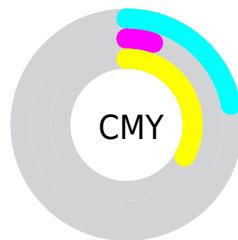
- Red (78%)
- Green (95%)
- Blue (67%)



- Red (67%)
- Yellow (95%)
- Blue (84%)



- Cyan (18%)
- Magenta (0%)
- Yellow (29%)
- Black (5%)



- Cyan (22%)
- Magenta (5%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the RGB color 198, 242, 171 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 198, 242, 171 by changing the saturation by 10% instead.

 198, 242, 171

255, 255, 255


 255, 255, 227

 198, 242, 171

 170, 214, 144

 143, 186, 118

 117, 159, 93

 91, 132, 69

 66, 107, 45

 42, 82, 22

 17, 59, 0

 0, 37, 0

 0, 7, 0

 198, 242, 171


 198, 242, 171

 183, 242, 147

 213, 242, 195

 168, 242, 123


 228, 242, 219


 153, 242, 98


 243, 242, 244


 138, 242, 74

 255, 242, 255

 123, 242, 50

 108, 242, 26

 93, 242, 2

 92, 242, 0

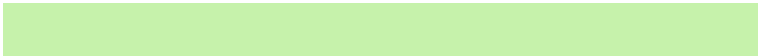
Harmonies

Analogous

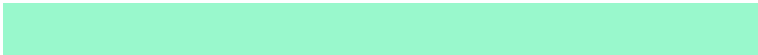
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



241, 232, 154



198, 242, 171



153, 248, 204

Triad

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



198, 242, 171



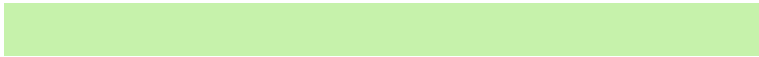
143, 240, 255



255, 200, 215

Complementary

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



198, 242, 171



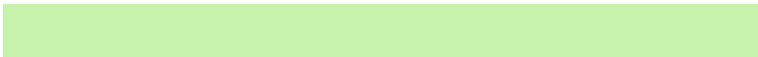
215, 171, 242

Split Complementary

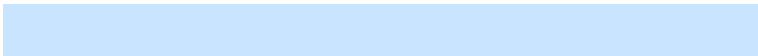
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 203, 254



198, 242, 171



201, 228, 255

Square

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



198, 242, 171



102, 247, 255



253, 214, 255



255, 207, 180

Rectangle

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



198, 242, 171



124, 250, 230



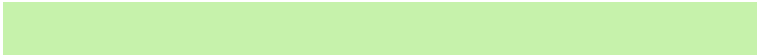
253, 214, 255



255, 200, 228

Sweetspot

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



198, 242, 171



241, 255, 232



242, 215, 171



119, 128, 113



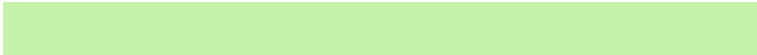
0, 0, 0



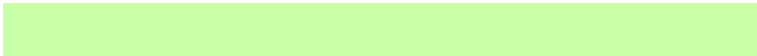
128, 128, 128

Same Dimension

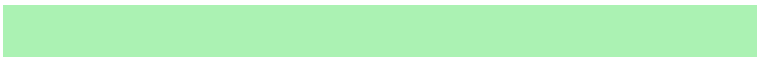
The Same Dimension uses a secret algorithm to generate beautiful new colors.



198, 242, 171



200, 255, 166



171, 242, 179



112, 120, 108



70, 184, 0



21, 56, 0

Inverse Universe

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



215, 171, 242



221, 166, 255



242, 171, 234



115, 108, 120



114, 0, 184



35, 0, 56

Previews

White Background



This preview shows how the RGB color 198, 242, 171 looks on a white background.

Color Contrast Check

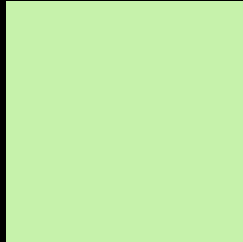
Large Text (above 18pt) WCAG AA × Fail

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 198, 242, 171 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

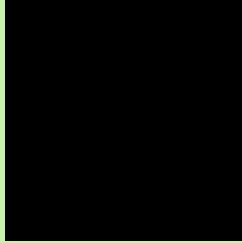
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

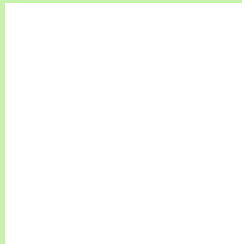
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 198, 242, 171 Background



This preview shows how black text looks on a background with the RGB color 198, 242, 171.

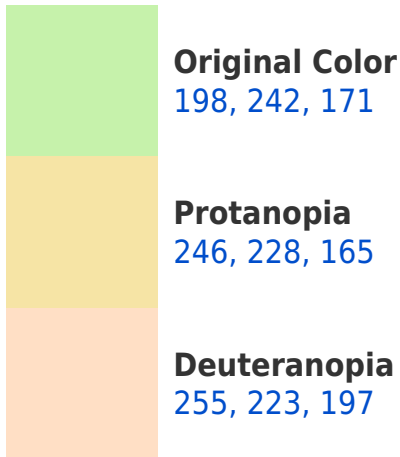


This preview shows how white text looks on a background with the RGB color 198, 242, 171.

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
210, 232, 250

Trichromacy



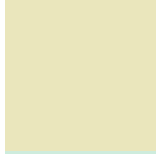
Original Color

198, 242, 171



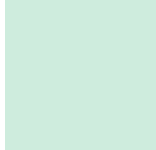
Protanomaly

229, 233, 167



Deuteranomaly

234, 230, 188



Tritanomaly

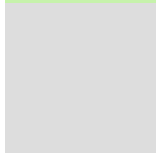
206, 236, 221

Monochromacy



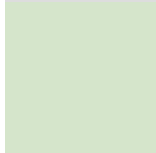
Original Color

198, 242, 171



Achromatopsia

221, 221, 221



Achromatomaly

213, 229, 203

CSS Examples

Text

The CSS property to change the color of the text to RGB 198, 242, 171 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(198, 242, 171)` looks like.

```
.text, #text, p{  
    color:rgb(198, 242, 171)  
}
```

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(198, 242, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 242, 171) }
```

Border

The CSS property to change the border of an element to RGB 198, 242, 171 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(198, 242, 171) }
```

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

```
.border{ border-color:rgb(198, 242, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 242, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 242, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 242, 171);  
box-shadow:4px 4px 4px 4px rgb(198, 242,  
171) }
```

Background

The CSS property to change the background color of an element to RGB 198, 242, 171 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 242, 171) }
```

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

```
.background{ background-color: rgb(198,  
242, 171) }
```

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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