

Converting Colors

RGB(189, 242, 171)

Have a look what the booklet for
RGB(189, 242, 171) contains.

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Color

RGB(189, 242, 171)

Conversions

Conversions Part 1

Format	Color
Hex	BDF2AB
RGB	189, 242, 171
RGB Percent	74%, 95%, 67%
CMY	0.2588, 0.0510, 0.3294
CMYK	0.22, 0.00, 0.29, 0.05
HSL	105°, 73%, 81%
HSV	105°, 29%, 95%
XYZ	60.0891, 77.2634, 50.2744
YIQ	218.0590, -8.7970, -33.3170

Conversions

Conversions Part 2

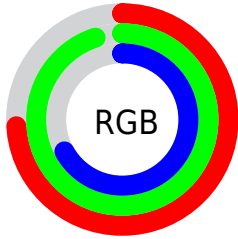
Format	Color
RYB	171, 242, 224
Decimal	12448427
CIELab	90.44, -29.67, 28.94
CIElCh	90, 41.450, 135.718
Yxy	77.2634, 0.3203, 0.4118
Android (android.graphics.Color)	4290638507 (0xFFBDF2AB)
YUV	218.0590, -23.2001, -25.4847
Hunter-Lab	87.8996, -31.7998, 27.6186

Details

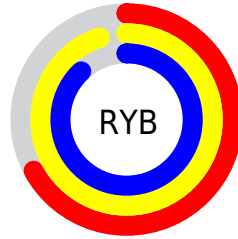
The RGB color **189, 242, 171** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **224, 171, 242**, and the grayscale version is **218, 218, 218**.

A 20% lighter version of the original color is **246, 255, 227**, and **134, 186, 118** is the 20% darker color. If you saturate the color by 10%, you get **171, 242, 147**, and if you desaturate by 10%, it is **207, 242, 195**.

Distribution



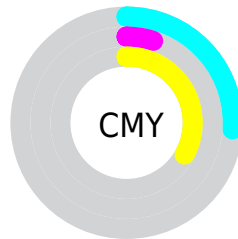
- Red (74%)
- Green (95%)
- Blue (67%)



- Red (67%)
- Yellow (95%)
- Blue (88%)



- Cyan (22%)
- Magenta (0%)
- Yellow (29%)
- Black (5%)



- Cyan (26%)
- Magenta (5%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the RGB color 189, 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 189, 242, 171 by changing the saturation by 10% instead.

 189, 242, 171


255, 255, 255


 246, 255, 227


 189, 242, 171

 161, 213, 144

 134, 186, 118

 108, 159, 93

 82, 132, 69

 57, 107, 45

 32, 82, 22


 4, 59, 0

 0, 37, 0

 0, 3, 0

 189, 242, 171


 189, 242, 171

 171, 242, 147

 207, 242, 195

 153, 242, 123

 225, 242, 219

 135, 242, 98


 243, 242, 244


 117, 242, 74

 255, 242, 255

 99, 242, 50

 81, 242, 26

 63, 242, 2

 61, 242, 0

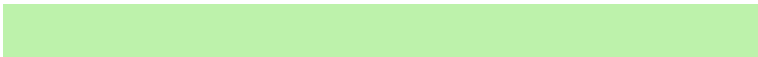
Harmonies

Analogous

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



234, 232, 150



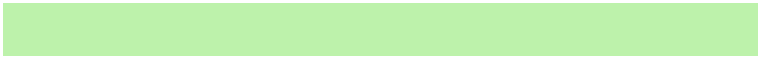
189, 242, 171



141, 248, 207

Triad

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



189, 242, 171



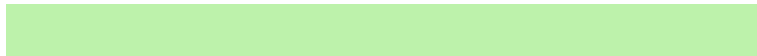
144, 237, 255



255, 198, 208

Complementary

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



189, 242, 171



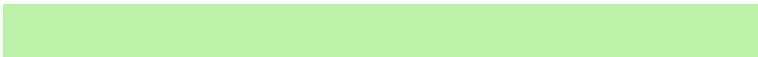
224, 171, 242

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, 200, 248



189, 242, 171



206, 224, 255

Square

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



189, 242, 171



94, 246, 255



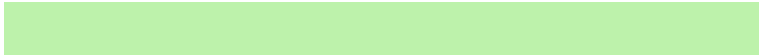
255, 210, 255



255, 206, 173

Rectangle

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



189, 242, 171



111, 249, 234



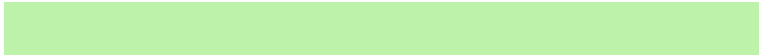
255, 210, 255



255, 197, 221

Sweetspot

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



189, 242, 171



238, 255, 232



242, 223, 171



117, 128, 113



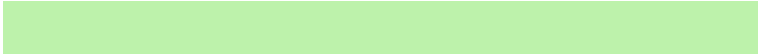
0, 0, 0



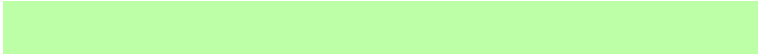
128, 128, 128

Same Dimension

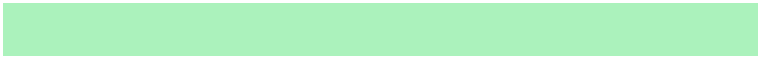
The Same Dimension uses a secret algorithm to generate beautiful new colors.



189, 242, 171



188, 255, 166



171, 242, 188



111, 120, 108



47, 184, 0



14, 56, 0

Inverse Universe

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



224, 171, 242



232, 166, 255



242, 171, 225



117, 108, 120



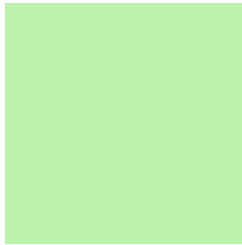
137, 0, 184



42, 0, 56

Previews

White Background



This preview shows how the RGB color 189, 242, 171 looks on a white background.

Color Contrast Check

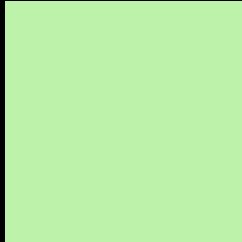
Large Text (above 18pt) WCAG AA × Fail

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 189, 242, 171 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

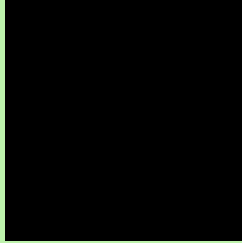
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

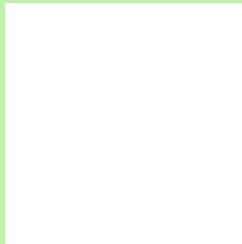
Any Text WCAG AAA ✓ Pass

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

RGB 189, 242, 171 Background



This preview shows how black text looks on a background with the RGB color 189, 242, 171.



This preview shows how white text looks on a background with the RGB color 189, 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
202, 232, 250

Trichromacy



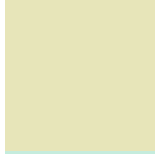
Original Color

189, 242, 171



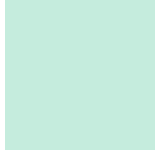
Protanomaly

224, 232, 167



Deuteranomaly

231, 229, 185



Tritanomaly

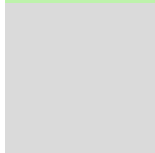
197, 236, 221

Monochromacy



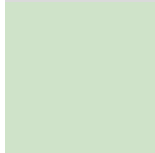
Original Color

189, 242, 171



Achromatopsia

218, 218, 218



Achromatomaly

207, 227, 201

CSS Examples

Text

The CSS property to change the color of the text to RGB 189, 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(189, 242, 171)` looks like.

```
.text, #text, p{  
    color:rgb(189, 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(189, 242, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 242, 171) }
```

Border

The CSS property to change the border of an element to RGB 189, 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(189, 242, 171) }
```

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

```
.border{ border-color:rgb(189, 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(189, 242, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 242, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 242, 171);  
box-shadow:4px 4px 4px 4px rgb(189, 242,  
171) }
```

Background

The CSS property to change the background color of an element to RGB 189, 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(189, 242, 171) }
```

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

```
.background{ background-color: rgb(189,  
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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