

Converting Colors

RGB(189, 249, 184)

Have a look what the booklet for
RGB(189, 249, 184) contains.

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Color

RGB(189, 249, 184)

Conversions

Conversions Part 1

Format	Color
Hex	<code>BDF9B8</code>
RGB	189, 249, 184
RGB Percent	74%, 98%, 72%
CMY	0.2588, 0.0235, 0.2784
CMYK	0.24, 0.00, 0.26, 0.02
HSL	115°, 84%, 85%
HSV	115°, 26%, 98%
XYZ	63.5137, 82.0309, 57.8334
YIQ	223.6500, -14.8950, -32.9350

Conversions

Conversions Part 2

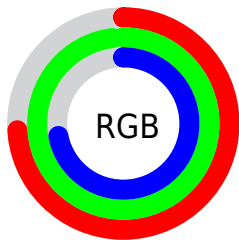
Format	Color
RYB	184, 249, 244
Decimal	12450232
CIELab	92.59, -30.92, 25.25
CIELCh	93, 39.922, 140.764
Yxy	82.0309, 0.3123, 0.4033
Android (android.graphics.Color)	4290640312 (0xFFBDF9B8)
YUV	223.6500, -19.5474, -30.3880
Hunter-Lab	90.5709, -33.3243, 25.5404

Details

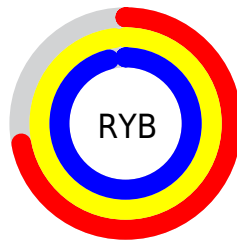
The RGB color **189, 249, 184** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **244, 184, 249**, and the grayscale version is **224, 224, 224**.

A 20% lighter version of the original color is **246, 255, 240**, and **134, 192, 131** is the 20% darker color. If you saturate the color by 10%, you get **166, 249, 159**, and if you desaturate by 10%, it is **212, 249, 209**.

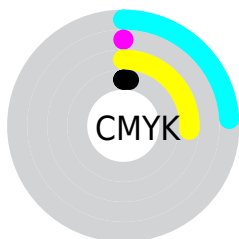
Distribution



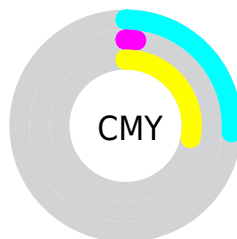
- Red (74%)
- Green (98%)
- Blue (72%)



- Red (72%)
- Yellow (98%)
- Blue (96%)



- Cyan (24%)
- Magenta (0%)
- Yellow (26%)
- Black (2%)



- Cyan (26%)
- Magenta (2%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the RGB color 189, 249, 184 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, 249, 184 by changing the saturation by 10% instead.


 189, 249, 184

255, 255, 255

 246, 255, 240


 189, 249, 184


 161, 220, 157

 134, 192, 131


 108, 165, 105


 82, 138, 81

 57, 113, 57

 31, 88, 34

 0, 64, 12

 0, 41, 0

 0, 16, 0

 189, 249, 184

 189, 249, 184

 166, 249, 159

 212, 249, 209

 143, 249, 134

 235, 249, 234

 120, 249, 109

 255, 249, 255

 97, 249, 84

 74, 249, 60

 51, 249, 35

 28, 249, 10

 19, 249, 0

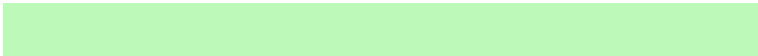
Harmonies

Analogous

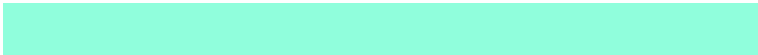
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



233, 240, 161



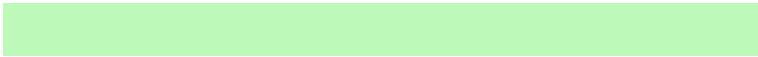
189, 249, 184



144, 254, 220

Triad

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



189, 249, 184



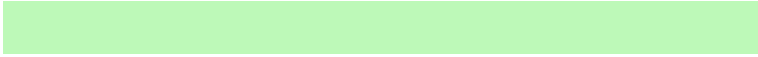
164, 241, 255



255, 206, 208

Complementary

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



189, 249, 184



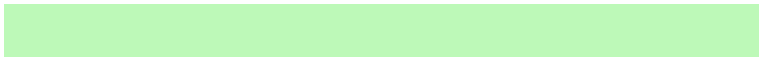
244, 184, 249

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, 206, 247



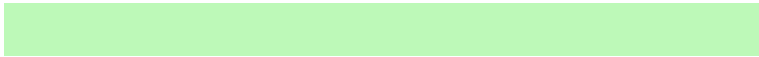
189, 249, 184



222, 228, 255

Square

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



189, 249, 184



116, 250, 255



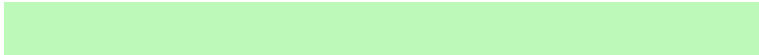
255, 215, 255



255, 214, 176

Rectangle

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



189, 249, 184



118, 255, 247



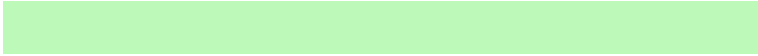
255, 215, 255



255, 205, 221

Sweetspot

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



189, 249, 184



236, 255, 235



249, 244, 184



116, 128, 115



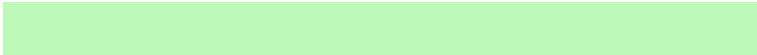
0, 0, 0



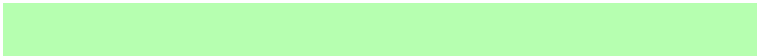
128, 128, 128

Same Dimension

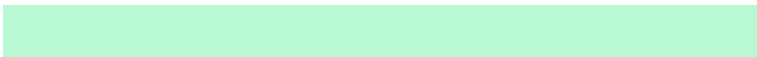
The Same Dimension uses a secret algorithm to generate beautiful new colors.



189, 249, 184



182, 255, 176



184, 249, 211



113, 125, 112



15, 189, 0



5, 61, 0

Inverse Universe

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



244, 184, 249



249, 176, 255



249, 184, 222



124, 112, 125



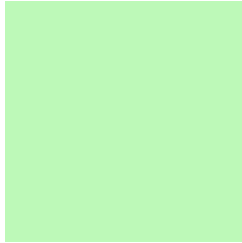
174, 0, 189



56, 0, 61

Previews

White Background



This preview shows how the RGB color 189, 249, 184 looks on a white background.

Color Contrast Check

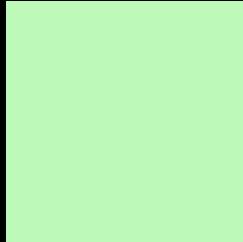
Large Text (above 18pt) WCAG AA × Fail

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, 249, 184 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

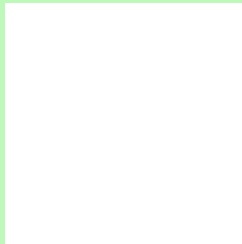
Any Text WCAG AAA ✓ Pass

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

RGB 189, 249, 184 Background



This preview shows how black text looks on a background with the RGB color 189, 249, 184.



This preview shows how white text looks on a background with the RGB color 189, 249, 184.

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





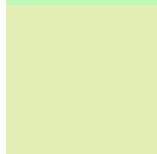
Tritanopia
206, 238, 255

Trichromacy



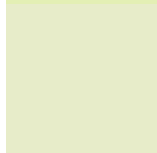
Original Color

189, 249, 184



Protanomaly

227, 239, 180



Deuteranomaly

231, 236, 201



Tritanomaly

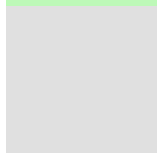
200, 242, 229

Monochromacy



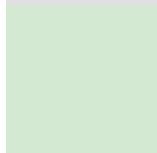
Original Color

189, 249, 184



Achromatopsia

224, 224, 224



Achromatomaly

211, 233, 209

CSS Examples

Text

The CSS property to change the color of the text to RGB 189, 249, 184 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, 249, 184)` looks like.

```
.text, #text, p{  
    color:rgb(189, 249, 184)  
}
```

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, 249, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 249, 184) }
```

Border

The CSS property to change the border of an element to RGB 189, 249, 184 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, 249, 184) }
```

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

```
.border{ border-color:rgb(189, 249, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 249, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 249, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 249, 184);  
box-shadow:4px 4px 4px 4px rgb(189, 249,  
184) }
```

Background

The CSS property to change the background color of an element to RGB 189, 249, 184 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 249, 184) }
```

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

```
.background{ background-color: rgb(189,  
249, 184) }
```

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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