

Converting Colors

RGB(188, 248, 178)

Have a look what the booklet for
RGB(188, 248, 178) contains.

RGB(188, 248, 178)	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(188, 248, 178)

Conversions

Conversions Part 1

Format	Color
Hex	BCF8B2
RGB	188, 248, 178
RGB Percent	74%, 97%, 70%
CMY	0.2627, 0.0275, 0.3020
CMYK	0.24, 0.00, 0.28, 0.03
HSL	111°, 83%, 84%
HSV	111°, 28%, 97%
XYZ	62.3423, 81.0405, 54.4761
YIQ	222.0800, -13.2900, -34.4900

Conversions

Conversions Part 2

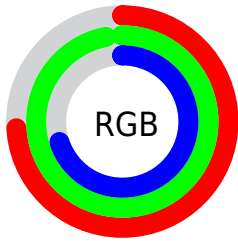
Format	Color
RYB	178, 248, 238
Decimal	12384434
CIELab	92.15, -31.73, 27.69
CIELCh	92, 42.117, 138.892
Yxy	81.0405, 0.3151, 0.4096
Android (android.graphics.Color)	4290574514 (0xFFBCF8B2)
YUV	222.0800, -21.7314, -29.8882
Hunter-Lab	90.0225, -33.9247, 27.1371

Details

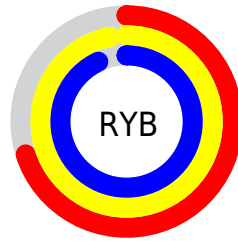
The RGB color **188, 248, 178** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **238, 178, 248**, and the grayscale version is **222, 222, 222**.

A 20% lighter version of the original color is **245, 255, 234**, and **133, 191, 125** is the 20% darker color. If you saturate the color by 10%, you get **167, 248, 153**, and if you desaturate by 10%, it is **209, 248, 203**.

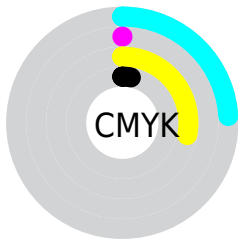
Distribution



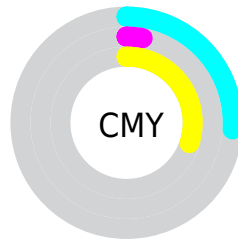
- Red (74%)
- Green (97%)
- Blue (70%)



- Red (70%)
- Yellow (97%)
- Blue (93%)



- Cyan (24%)
- Magenta (0%)
- Yellow (28%)
- Black (3%)



- Cyan (26%)
- Magenta (3%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the RGB color 188, 248, 178 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 188, 248, 178 by changing the saturation by 10% instead.

 188, 248, 178

255, 255, 255


 245, 255, 234

 188, 248, 178

 160, 219, 151

 133, 191, 125

 107, 164, 100

 81, 137, 75

 56, 112, 52

 29, 87, 29

 0, 63, 5

 0, 41, 0

 0, 14, 0

 188, 248, 178

 188, 248, 178

 167, 248, 153


 209, 248, 203

 145, 248, 128

 231, 248, 228

 124, 248, 104

 252, 248, 252


 103, 248, 79

 255, 248, 255

 82, 248, 54

 60, 248, 29

 39, 248, 4

 35, 248, 0

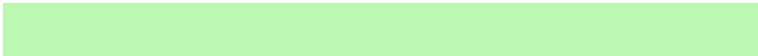
Harmonies

Analogous

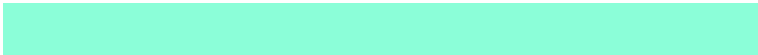
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



234, 238, 155



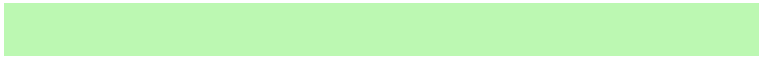
188, 248, 178



139, 254, 216

Triad

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



188, 248, 178



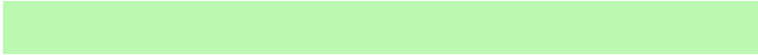
153, 241, 255



255, 203, 208

Complementary

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



188, 248, 178



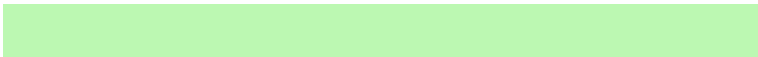
238, 178, 248

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, 249



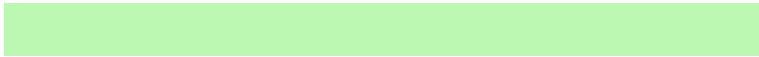
188, 248, 178



216, 227, 255

Square

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



188, 248, 178



100, 250, 255



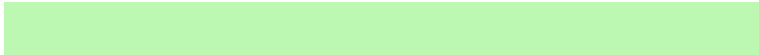
255, 213, 255



255, 211, 173

Rectangle

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



188, 248, 178



109, 255, 244



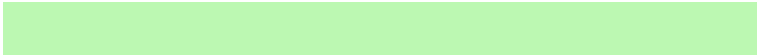
255, 213, 255



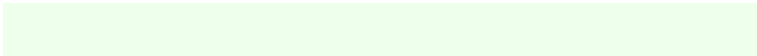
255, 202, 222

Sweetspot

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



188, 248, 178



238, 255, 235



248, 238, 178



117, 128, 115



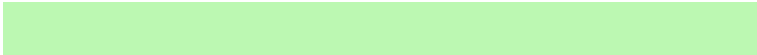
0, 0, 0



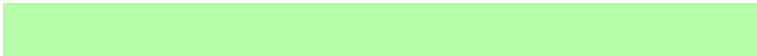
128, 128, 128

Same Dimension

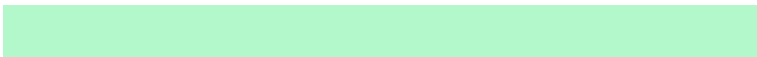
The Same Dimension uses a secret algorithm to generate beautiful new colors.



188, 248, 178



181, 255, 168



178, 248, 203



114, 125, 112



27, 189, 0



9, 61, 0

Inverse Universe

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



238, 178, 248



243, 168, 255



248, 178, 223



123, 112, 125



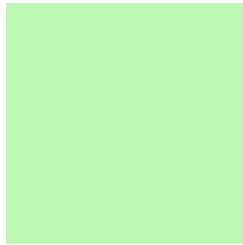
162, 0, 189



52, 0, 61

Previews

White Background



This preview shows how the RGB color 188, 248, 178 looks on a white background.

Color Contrast Check

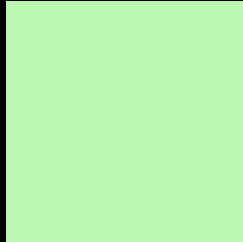
Large Text (above 18pt) WCAG AA × Fail

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 188, 248, 178 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

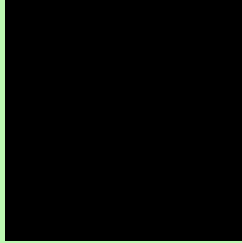
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

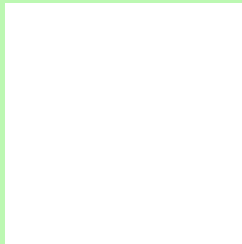
Any Text WCAG AAA ✓ Pass

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

RGB 188, 248, 178 Background



This preview shows how black text looks on a background with the RGB color 188, 248, 178.

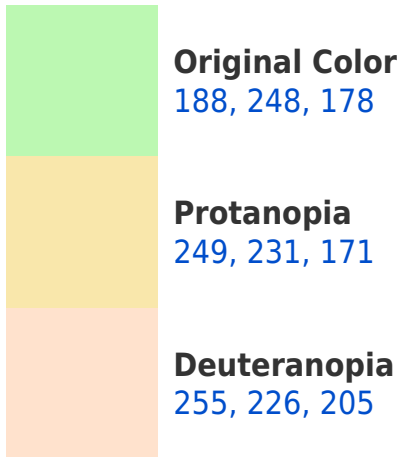


This preview shows how white text looks on a background with the RGB color 188, 248, 178.

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





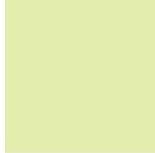
Tritanopia
204, 237, 255

Trichromacy



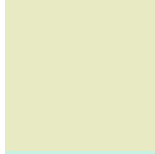
Original Color

188, 248, 178



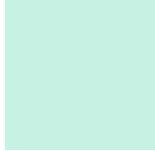
Protanomaly

227, 237, 174



Deuteranomaly

231, 234, 195



Tritanomaly

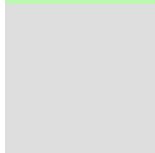
198, 241, 227

Monochromacy



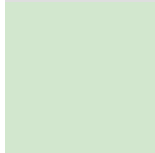
Original Color

188, 248, 178



Achromatopsia

222, 222, 222



Achromatomaly

210, 231, 206

CSS Examples

Text

The CSS property to change the color of the text to RGB 188, 248, 178 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(188, 248, 178)` looks like.

```
.text, #text, p{  
    color:rgb(188, 248, 178)  
}
```

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(188, 248, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 248, 178) }
```

Border

The CSS property to change the border of an element to RGB 188, 248, 178 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(188, 248, 178) }
```

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

```
.border{ border-color:rgb(188, 248, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 248, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 248, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 248, 178);  
box-shadow:4px 4px 4px 4px rgb(188, 248,  
178) }
```

Background

The CSS property to change the background color of an element to RGB 188, 248, 178 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 248, 178) }
```

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

```
.background{ background-color: rgb(188,  
248, 178) }
```

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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