

Converting Colors

RGB(188, 241, 196)

Have a look what the booklet for
RGB(188, 241, 196) contains.

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Color

RGB(188, 241, 196)

Conversions

Conversions Part 1

Format	Color
Hex	BCF1C4
RGB	188, 241, 196
RGB Percent	74%, 95%, 77%
CMY	0.2627, 0.0549, 0.2314
CMYK	0.22, 0.00, 0.19, 0.05
HSL	129°, 65%, 84%
HSV	129°, 22%, 95%
XYZ	62.1581, 77.5875, 63.9244
YIQ	220.0230, -17.1430, -25.2310

Conversions

Conversions Part 2

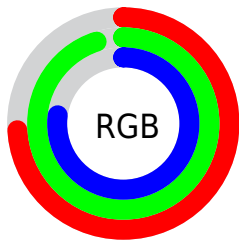
Format	Color
R _Y B	188, 234, 241
Decimal	12382660
CIE _{Lab}	90.59, -25.45, 16.31
CIE _{LCh}	91, 30.224, 147.341
Y _{xy}	77.5875, 0.3052, 0.3809
Android (android.graphics.Color)	4290572740 (0xFFBCF1C4)
YUV	220.0230, -11.8433, -28.0842
Hunter-Lab	88.0838, -28.1843, 18.6305

Details

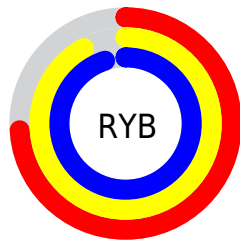
The RGB color **188, 241, 196** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **241, 188, 233**, and the grayscale version is **220, 220, 220**.

A 20% lighter version of the original color is **245, 255, 253**, and **134, 185, 142** is the 20% darker color. If you saturate the color by 10%, you get **164, 241, 176**, and if you desaturate by 10%, it is **212, 241, 216**.

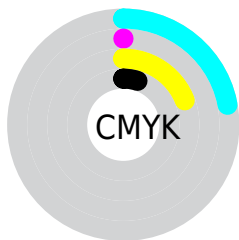
Distribution



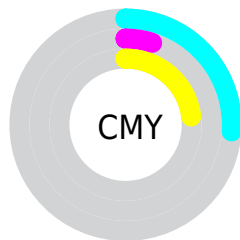
- Red (74%)
- Green (95%)
- Blue (77%)



- Red (74%)
- Yellow (92%)
- Blue (95%)



- Cyan (22%)
- Magenta (0%)
- Yellow (19%)
- Black (5%)



- Cyan (26%)
- Magenta (5%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the RGB color 188, 241, 196 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, 241, 196 by changing the saturation by 10% instead.


 188, 241, 196

255, 255, 255

 245, 255, 253

 188, 241, 196


 161, 213, 169

 134, 185, 142

 108, 158, 117

 82, 131, 92

 58, 106, 68

 33, 81, 46

 6, 58, 24

 0, 36, 0

 0, 4, 0

 188, 241, 196

 188, 241, 196

 164, 241, 176

 212, 241, 216

 140, 241, 155

 236, 241, 237

 116, 241, 135

 255, 241, 255

 92, 241, 114

 68, 241, 94

 43, 241, 73

 19, 241, 53

 0, 241, 36

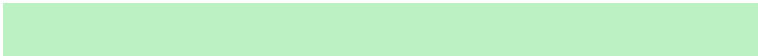
Harmonies

Analogous

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



221, 234, 176



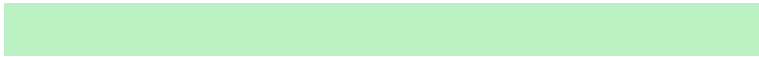
188, 241, 196



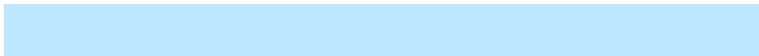
159, 244, 224

Triad

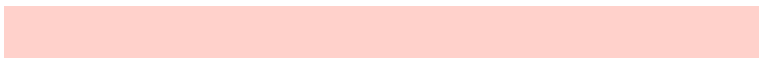
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



188, 241, 196



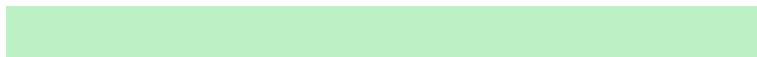
189, 231, 255



255, 209, 203

Complementary

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



188, 241, 196



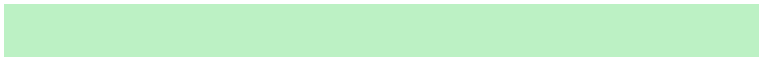
241, 188, 233

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, 207, 232



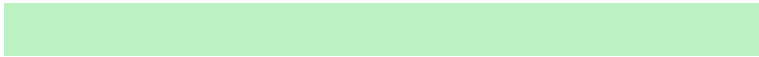
188, 241, 196



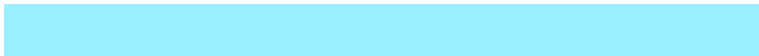
229, 222, 255

Square

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



188, 241, 196



155, 239, 255



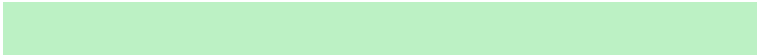
255, 212, 255



255, 216, 180

Rectangle

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



188, 241, 196



146, 244, 244



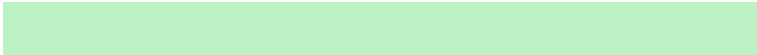
255, 212, 255



255, 208, 212

Sweetspot

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



188, 241, 196



237, 255, 240



233, 241, 188



117, 128, 119



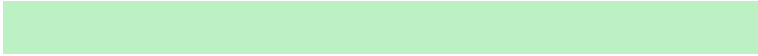
0, 0, 0



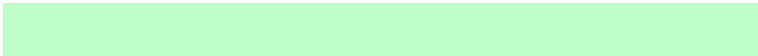
128, 128, 128

Same Dimension

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



188, 241, 196



189, 255, 199



188, 241, 222



108, 120, 110



0, 184, 28



0, 56, 8

Inverse Universe

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



241, 188, 233



255, 189, 245



241, 188, 207



120, 108, 118



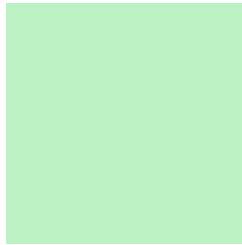
184, 0, 156



56, 0, 48

Previews

White Background



This preview shows how the RGB color 188, 241, 196 looks on a white background.

Color Contrast Check

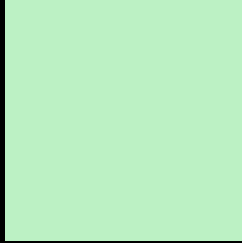
Large Text (above 18pt) WCAG AA × Fail

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, 241, 196 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

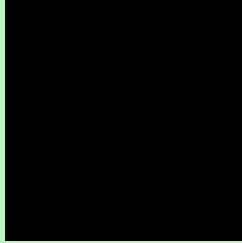
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

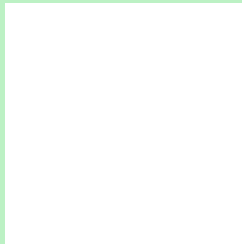
Any Text WCAG AAA ✓ Pass

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

RGB 188, 241, 196 Background



This preview shows how black text looks on a background with the RGB color 188, 241, 196.

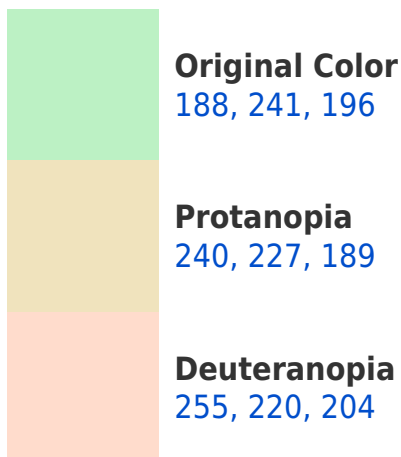


This preview shows how white text looks on a background with the RGB color 188, 241, 196.

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





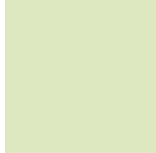
Tritanopia
198, 233, 252

Trichromacy



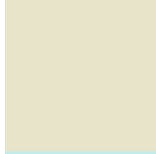
Original Color

188, 241, 196



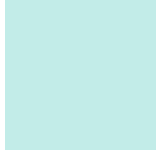
Protanomaly

221, 232, 192



Deuteranomaly

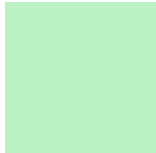
231, 228, 201



Tritanomaly

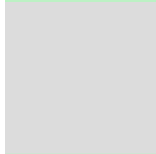
194, 236, 232

Monochromacy



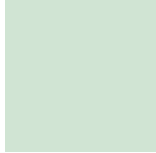
Original Color

188, 241, 196



Achromatopsia

220, 220, 220



Achromatomaly

208, 228, 211

CSS Examples

Text

The CSS property to change the color of the text to RGB 188, 241, 196 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, 241, 196)` looks like.

```
.text, #text, p{  
    color:rgb(188, 241, 196)  
}
```

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, 241, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 241, 196) }
```

Border

The CSS property to change the border of an element to RGB 188, 241, 196 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, 241, 196) }
```

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

```
.border{ border-color:rgb(188, 241, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 241, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 241, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 241, 196);  
box-shadow:4px 4px 4px 4px rgb(188, 241,  
196) }
```

Background

The CSS property to change the background color of an element to RGB 188, 241, 196 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 241, 196) }
```

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

```
.background{ background-color: rgb(188,  
241, 196) }
```

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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