

Converting Colors

RGB(188, 240, 219)

Have a look what the booklet for
RGB(188, 240, 219) contains.

RGB(188, 240, 219)	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, 240, 219)

Conversions

Conversions Part 1

Format	Color
Hex	BCF0DB
RGB	188, 240, 219
RGB Percent	74%, 94%, 86%
CMY	0.2627, 0.0588, 0.1412
CMYK	0.22, 0.00, 0.09, 0.06
HSL	156°, 63%, 84%
HSV	156°, 22%, 94%
XYZ	64.6853, 78.1260, 78.6884
YIQ	222.0580, -24.2510, -17.5550

Conversions

Conversions Part 2

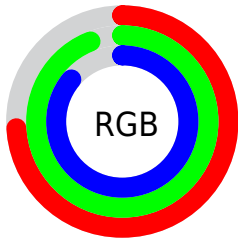
Format	Color
RYB	188, 221, 240
Decimal	12382427
CIELab	90.84, -20.70, 4.72
CIELCh	91, 21.234, 167.147
Yxy	78.1260, 0.2920, 0.3527
Android (android.graphics.Color)	4290572507 (0xFFBCF0DB)
YUV	222.0580, -1.5076, -29.8689
Hunter-Lab	88.3889, -24.0497, 9.0892

Details

The RGB color **188, 240, 219** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **240, 188, 209**, and the grayscale version is **222, 222, 222**.

A 20% lighter version of the original color is **245, 255, 255**, and **134, 184, 164** is the 20% darker color. If you saturate the color by 10%, you get **164, 240, 209**, and if you desaturate by 10%, it is **212, 240, 229**.

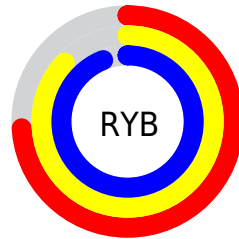
Distribution



Red (74%)

Green (94%)

Blue (86%)



Red (74%)

Yellow (87%)

Blue (94%)

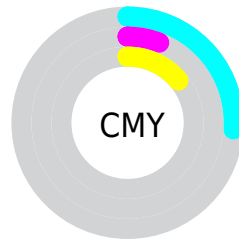


Cyan (22%)

Magenta (0%)

Yellow (9%)

Black (6%)



Cyan (26%)

Magenta (6%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the RGB color 188, 240, 219 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, 240, 219 by changing the saturation by 10% instead.


 188, 240, 219

255, 255, 255


 245, 255, 255

 188, 240, 219

 161, 212, 191

 134, 184, 164

 108, 157, 138

 83, 131, 112

 58, 105, 88

 33, 81, 65

 6, 58, 43

 0, 36, 22

 0, 6, 0

 188, 240, 219

 188, 240, 219

 164, 240, 209

 212, 240, 229

 140, 240, 200

 236, 240, 238

 116, 240, 190

 255, 240, 248

 92, 240, 180

 255, 240, 255

 68, 240, 171

 44, 240, 161

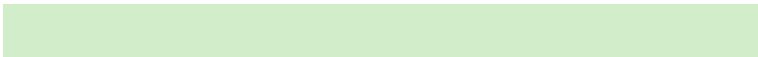
 20, 240, 151

 0, 240, 143

Harmonies

Analogous

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



209, 237, 201



188, 240, 219



176, 241, 240

Triad

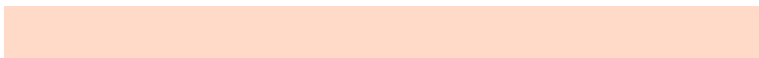
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



188, 240, 219



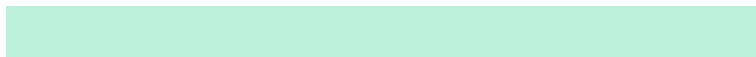
221, 227, 255



255, 218, 200

Complementary

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



188, 240, 219



240, 188, 209

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, 215, 218



188, 240, 219



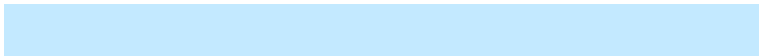
247, 220, 255

Square

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



188, 240, 219



195, 233, 255



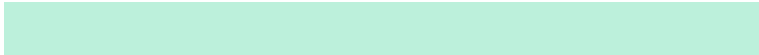
255, 215, 238



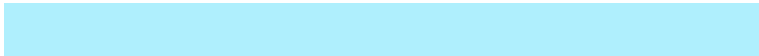
253, 224, 190

Rectangle

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



188, 240, 219



175, 239, 253



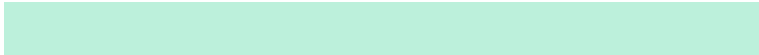
255, 215, 238



255, 217, 205

Sweetspot

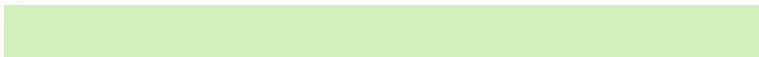
The Sweet Spot groups the original color and five complimentary colors.



188, 240, 219



237, 255, 248



210, 240, 188



117, 128, 123



0, 0, 0



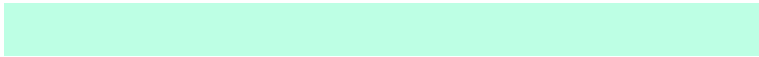
128, 128, 128

Same Dimension

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



188, 240, 219



189, 255, 228



188, 236, 240



108, 120, 115



0, 184, 109



0, 56, 33

Inverse Universe

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



240, 188, 209



255, 189, 215



240, 192, 188



120, 108, 113



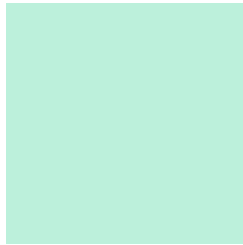
184, 0, 74



56, 0, 23

Previews

White Background



This preview shows how the RGB color 188, 240, 219 looks on a white background.

Color Contrast Check

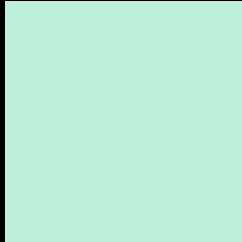
Large Text (above 18pt) WCAG AA × Fail

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, 240, 219 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

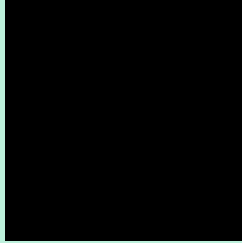
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

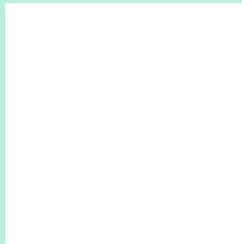
Any Text WCAG AAA ✓ Pass

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

RGB 188, 240, 219 Background



This preview shows how black text looks on a background with the RGB color 188, 240, 219.



This preview shows how white text looks on a background with the RGB color 188, 240, 219.

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





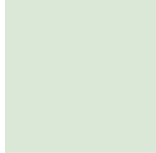
Tritanopia
195, 235, 254

Trichromacy



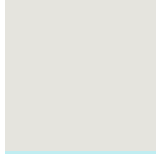
Original Color

188, 240, 219



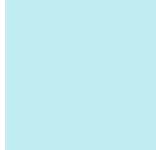
Protanomaly

219, 232, 215



Deuteranomaly

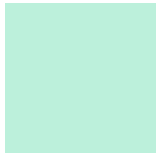
229, 228, 222



Tritanomaly

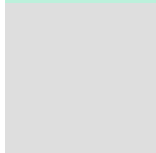
192, 237, 241

Monochromacy



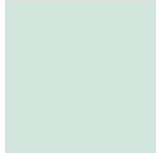
Original Color

188, 240, 219



Achromatopsia

222, 222, 222



Achromatomaly

210, 229, 221

CSS Examples

Text

The CSS property to change the color of the text to RGB 188, 240, 219 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, 240, 219)` looks like.

```
.text, #text, p{  
    color:rgb(188, 240, 219)  
}
```

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, 240, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 240, 219) }
```

Border

The CSS property to change the border of an element to RGB 188, 240, 219 is called "border". The border property can be set on classes, ids or directly on the HTML element.

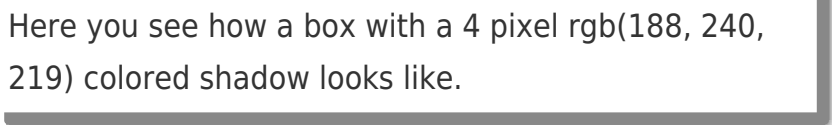
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(188, 240, 219) }
```

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

```
.border{ border-color:rgb(188, 240, 219) }
```

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



Here you see how a box with a 4 pixel `rgb(188, 240, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 240, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 240, 219);  
box-shadow:4px 4px 4px 4px rgb(188, 240,  
219) }
```

Background

The CSS property to change the background color of an element to RGB 188, 240, 219 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 240, 219) }
```

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

```
.background{ background-color: rgb(188,  
240, 219) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor