

# Converting Colors

RGB(188, 244, 233)

Have a look what the booklet for  
RGB(188, 244, 233) contains.

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# **Color**

**RGB(188, 244, 233)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BCF4E9
RGB	188, 244, 233
RGB Percent	74%, 96%, 91%
CMY	0.2627, 0.0431, 0.0863
CMYK	0.23, 0.00, 0.05, 0.04
HSL	168°, 72%, 85%
HSV	168°, 23%, 96%
XYZ	67.7977, 81.2759, 89.2053
YIQ	226.0020, -29.8450, -15.2930

# Conversions

## Conversions Part 2

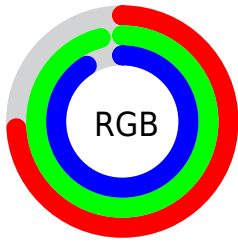
Format	Color
R <sub>Y</sub> B	188, 219, 244
Decimal	12383465
CIE Lab	92.25, -19.87, -0.50
CIE LCh	92, 19.872, 181.435
Yxy	81.2759, 0.2845, 0.3411
Android (android.graphics.Color)	4290573545 (0xFFBCF4E9)
YUV	226.0020, 3.4500, -33.3278
Hunter-Lab	90.1532, -23.5310, 4.4406

# Details

The RGB color **188, 244, 233** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **244, 188, 199**, and the grayscale version is **226, 226, 226**.

A 20% lighter version of the original color is **245, 255, 255**, and **133, 188, 177** is the 20% darker color. If you saturate the color by 10%, you get **164, 244, 228**, and if you desaturate by 10%, it is **212, 244, 238**.

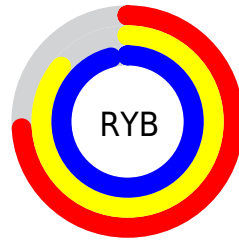
# Distribution



Red (74%)

Green (96%)

Blue (91%)



Red (74%)

Yellow (86%)

Blue (96%)

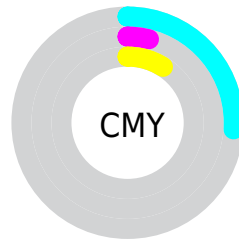


Cyan (23%)

Magenta (0%)

Yellow (5%)

Black (4%)



Cyan (26%)

Magenta (4%)

Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the RGB color 188, 244, 233 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, 244, 233 by changing the saturation by 10% instead.



 188, 244, 233

255, 255, 255


 245, 255, 255


 188, 244, 233


 160, 215, 205

 133, 188, 177

 107, 161, 151


 82, 134, 125

 56, 109, 100

 31, 84, 76

 0, 61, 53

 0, 39, 32

 0, 15, 9

 188, 244, 233

 188, 244, 233

 164, 244, 228

 212, 244, 238

 139, 244, 223

 237, 244, 243

 115, 244, 219

 255, 244, 247

 90, 244, 214

 255, 244, 252

 66, 244, 209

 255, 244, 255

 42, 244, 204

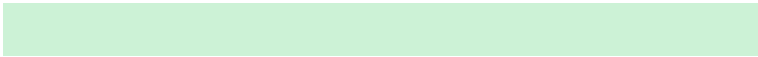
 17, 244, 199

 0, 244, 196

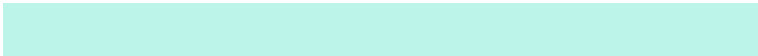
# Harmonies

## Analogous

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



204, 242, 214



188, 244, 233



183, 243, 252

# Triad

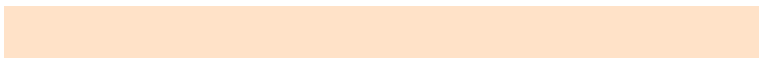
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



188, 244, 233



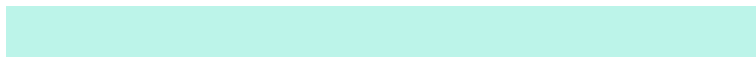
238, 228, 255



255, 226, 200

# Complementary

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



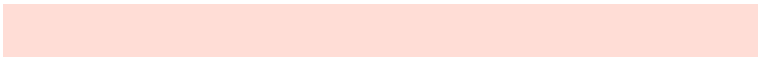
188, 244, 233



244, 188, 199

# 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, 221, 214



188, 244, 233



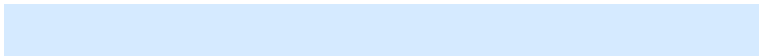
255, 222, 251

# Square

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



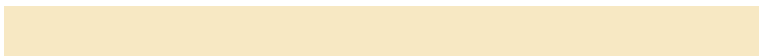
188, 244, 233



213, 234, 255



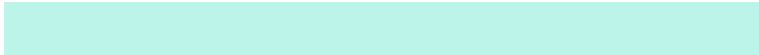
255, 220, 233



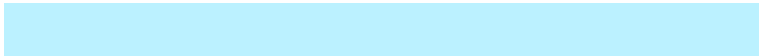
247, 232, 195

# Rectangle

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



188, 244, 233



187, 241, 255



255, 220, 233

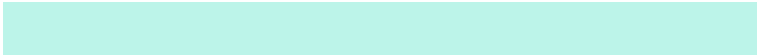


255, 224, 204



# Sweetspot

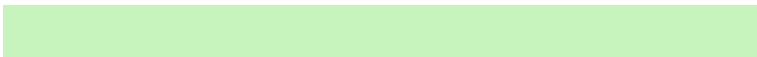
The Sweet Spot groups the original color and five complimentary colors.



188, 244, 233



237, 255, 251



199, 244, 188



117, 128, 125



0, 0, 0

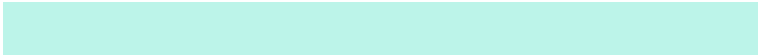


128, 128, 128

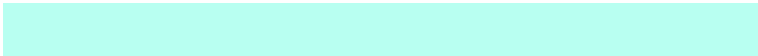


# Same Dimension

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



188, 244, 233



184, 255, 241



188, 227, 244



110, 122, 120



0, 186, 150



0, 59, 47



# Inverse Universe

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



244, 188, 199



255, 184, 198



244, 205, 188



122, 110, 113



186, 0, 37

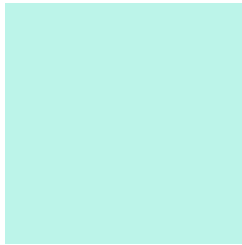


59, 0, 12



# Previews

## White Background



This preview shows how the RGB color 188, 244, 233 looks on a white background.

## Color Contrast Check

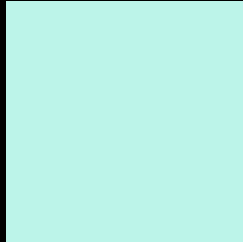
Large Text (above 18pt) WCAG AA × Fail

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, 244, 233 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, 244, 233 Background



This preview shows how black text looks on a background with the RGB color 188, 244, 233.

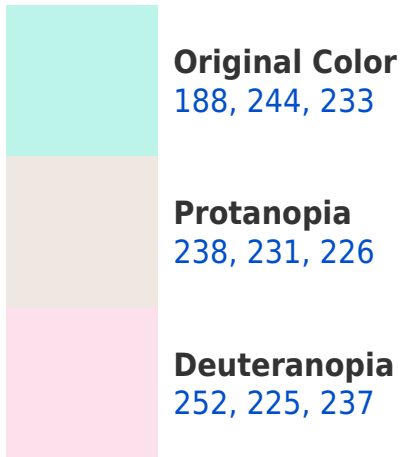


This preview shows how white text looks on a background with the RGB color 188, 244, 233.

# 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





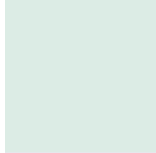
**Tritanopia**  
200, 239, 255

# Trichromacy



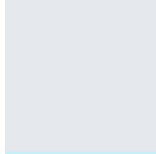
**Original Color**

188, 244, 233



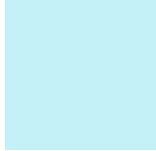
**Protanomaly**

220, 236, 229



**Deuteranomaly**

229, 232, 236



**Tritanomaly**

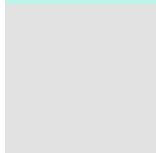
196, 241, 247

# Monochromacy



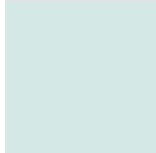
**Original Color**

188, 244, 233



**Achromatopsia**

226, 226, 226



**Achromatomaly**

212, 233, 229

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 188, 244, 233 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, 244, 233)` looks like.

```
.text, #text, p{  
    color:rgb(188, 244, 233)  
}
```

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, 244, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 244, 233) }
```

## Border

The CSS property to change the border of an element to RGB 188, 244, 233 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, 244, 233) }
```

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

```
.border{ border-color:rgb(188, 244, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 244, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 244, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 244, 233);  
box-shadow:4px 4px 4px 4px rgb(188, 244,  
233) }
```

# Background

The CSS property to change the background color of an element to RGB 188, 244, 233 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 244, 233) }
```

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

```
.background{ background-color: rgb(188,  
244, 233) }
```

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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