

# Converting Colors

RGB(189, 244, 240)

Have a look what the booklet for  
RGB(189, 244, 240) contains.

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# **Color**

**RGB(189, 244, 240)**

# Conversions

## Conversions Part 1

Format	Color
Hex	<code>BDF4F0</code>
RGB	189, 244, 240
RGB Percent	74%, 96%, 94%
CMY	0.2588, 0.0431, 0.0588
CMYK	0.23, 0.00, 0.02, 0.04
HSL	176°, 71%, 85%
HSV	176°, 23%, 96%
XYZ	69.0651, 81.8115, 94.5891
YIQ	227.0990, -31.4960, -12.9040

# Conversions

## Conversions Part 2

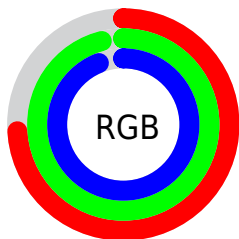
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	189, 218, 244
Decimal	12449008
CIE Lab	92.49, -18.12, -3.78
CIE LCh	92, 18.512, 191.783
Yxy	81.8115, 0.2814, 0.3333
Android (android.graphics.Color)	4290639088 (0xFFBDF4F0)
YUV	227.0990, 6.3602, -33.4128
Hunter-Lab	90.4497, -21.9888, 1.3114

# Details

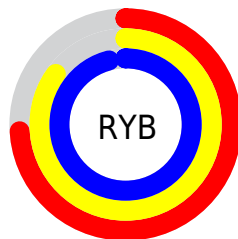
The RGB color **189, 244, 240** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **244, 189, 193**, and the grayscale version is **227, 227, 227**.

A 20% lighter version of the original color is **246, 255, 255**, and **134, 188, 184** is the 20% darker color. If you saturate the color by 10%, you get **165, 244, 238**, and if you desaturate by 10%, it is **213, 244, 242**.

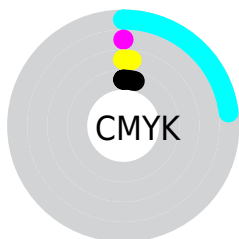
# Distribution



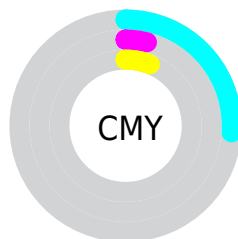
- Red (74%)
- Green (96%)
- Blue (94%)



- Red (74%)
- Yellow (85%)
- Blue (96%)



- Cyan (23%)
- Magenta (0%)
- Yellow (2%)
- Black (4%)



- Cyan (26%)
- Magenta (4%)
- Yellow (6%)

# Brightness & Saturation Gradients

These gradients show how the RGB color 189, 244, 240 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, 244, 240 by changing the saturation by 10% instead.



■ 189, 244, 240

255, 255, 255

■ 246, 255, 255

■ 189, 244, 240

■ 161, 216, 212

■ 134, 188, 184

■ 108, 161, 157

■ 82, 134, 131

■ 57, 109, 106

■ 31, 84, 82

■ 0, 61, 59

■ 0, 39, 37

■ 0, 17, 17

 189, 244, 240

 189, 244, 240

 165, 244, 238

 213, 244, 242

 140, 244, 236

 238, 244, 244

 116, 244, 235

 255, 244, 245

 91, 244, 233

 255, 244, 247

 67, 244, 231

 255, 244, 249

 43, 244, 229

 255, 244, 251

 18, 244, 228

 255, 244, 252

 0, 244, 226

 255, 244, 254

 255, 244, 255

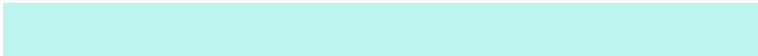
# Harmonies

## Analogous

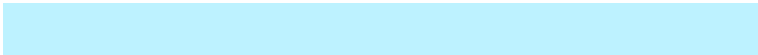
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



201, 243, 222



189, 244, 240



189, 242, 255

# Triad

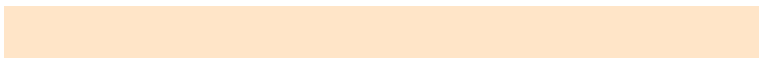
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



189, 244, 240



245, 227, 255



255, 229, 200

# Complementary

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



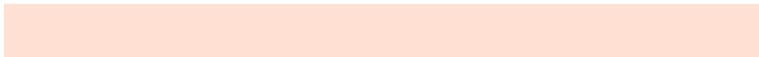
189, 244, 240



244, 189, 193

# 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, 224, 210



189, 244, 240



255, 222, 245

# Square

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



189, 244, 240



223, 233, 255



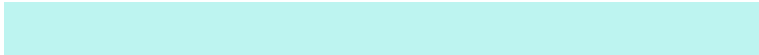
255, 221, 227



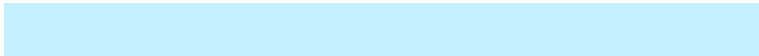
240, 234, 199

# Rectangle

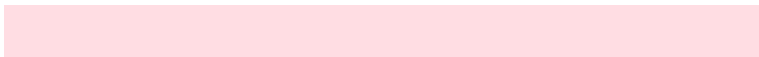
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



189, 244, 240



196, 240, 255



255, 221, 227

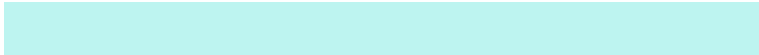


255, 227, 203

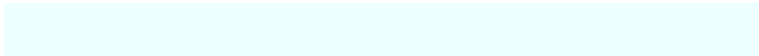


# Sweetspot

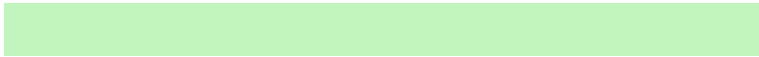
The Sweet Spot groups the original color and five complimentary colors.



189, 244, 240



237, 255, 254



194, 244, 189



117, 128, 127



0, 0, 0



128, 128, 128



# Same Dimension

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



189, 244, 240



186, 255, 250



189, 221, 244



110, 122, 122



0, 186, 173



0, 59, 54



# Inverse Universe

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



244, 189, 193



255, 186, 191



244, 212, 189



122, 110, 111



186, 0, 14

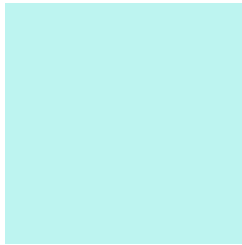


59, 0, 4



# Previews

## White Background



This preview shows how the RGB color 189, 244, 240 looks on a white background.

## Color Contrast Check

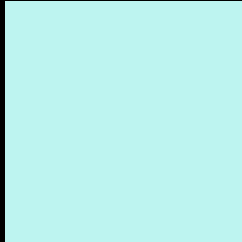
Large Text (above 18pt) WCAG AA × Fail

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, 244, 240 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

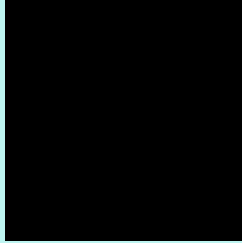
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## RGB 189, 244, 240 Background



This preview shows how black text looks on a background with the RGB color 189, 244, 240.

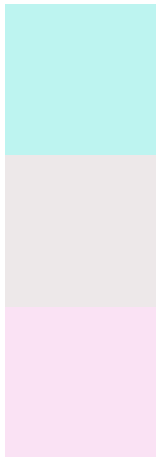


This preview shows how white text looks on a background with the RGB color 189, 244, 240.

# 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



**Original Color**  
189, 244, 240

**Protanopia**  
237, 232, 233

**Deuteranopia**  
250, 226, 244



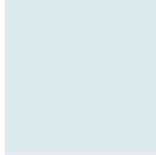
**Tritanopia**  
202, 239, 255

# Trichromacy



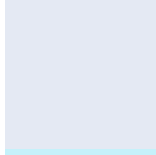
**Original Color**

189, 244, 240



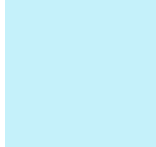
**Protanomaly**

220, 236, 236



**Deuteranomaly**

228, 233, 243



**Tritanomaly**

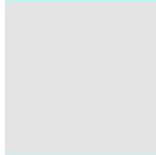
197, 241, 250

# Monochromacy



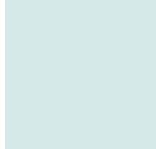
**Original Color**

189, 244, 240



**Achromatopsia**

227, 227, 227



**Achromatomaly**

213, 233, 232

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 189, 244, 240 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, 244, 240)` looks like.

```
.text, #text, p{  
    color:rgb(189, 244, 240)  
}
```

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, 244, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 244, 240) }
```

## Border

The CSS property to change the border of an element to RGB 189, 244, 240 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, 244, 240) }
```

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

```
.border{ border-color:rgb(189, 244, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 244, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 244, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 244, 240);  
box-shadow:4px 4px 4px 4px rgb(189, 244,  
240) }
```

# Background

The CSS property to change the background color of an element to RGB 189, 244, 240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 244, 240) }
```

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

```
.background{ background-color: rgb(189,  
244, 240) }
```

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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