

# Converting Colors

RGB(189, 252, 220)

Have a look what the booklet for  
RGB(189, 252, 220) contains.

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# **Color**

**RGB(189, 252, 220)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BDFCDC
RGB	189, 252, 220
RGB Percent	74%, 99%, 86%
CMY	0.2588, 0.0118, 0.1373
CMYK	0.25, 0.00, 0.13, 0.01
HSL	150°, 91%, 86%
HSV	150°, 25%, 99%
XYZ	68.7149, 85.6069, 80.6123
YIQ	229.5150, -27.2760, -23.3080

# Conversions

## Conversions Part 2

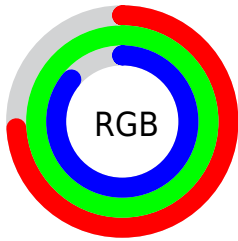
Format	Color
R <sub>YB</sub>	189, 231, 252
Decimal	12451036
CIE <sub>Lab</sub>	94.14, -26.01, 8.97
CIE <sub>LCh</sub>	94, 27.510, 160.962
Yxy	85.6069, 0.2925, 0.3644
Android (android.graphics.Color)	4290641116 (0xFFBDFCDC)
YUV	229.5150, -4.6909, -35.5317
Hunter-Lab	92.5240, -29.3502, 13.1099

# Details

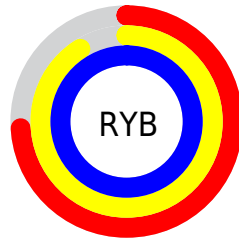
The RGB color **189, 252, 220** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **252, 189, 221**, and the grayscale version is **230, 230, 230**.

A 20% lighter version of the original color is **246, 255, 255**, and **134, 195, 165** is the 20% darker color. If you saturate the color by 10%, you get **164, 252, 207**, and if you desaturate by 10%, it is **214, 252, 233**.

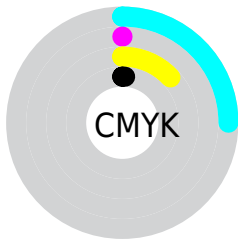
# Distribution



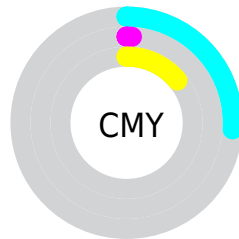
- Red (74%)
- Green (99%)
- Blue (86%)



- Red (74%)
- Yellow (91%)
- Blue (99%)



- Cyan (25%)
- Magenta (0%)
- Yellow (13%)
- Black (1%)



- Cyan (26%)
- Magenta (1%)
- Yellow (14%)

# Brightness & Saturation Gradients

These gradients show how the RGB color 189, 252, 220 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, 252, 220 by changing the saturation by 10% instead.




 189, 252, 220

255, 255, 255


 246, 255, 255


 189, 252, 220


 161, 223, 192

 134, 195, 165

 108, 168, 139

 82, 141, 113

 57, 115, 89

 31, 91, 65

 0, 67, 43

 0, 44, 23

 0, 23, 0

 189, 252, 220

 189, 252, 220

 164, 252, 207

 214, 252, 233

 139, 252, 194

 239, 252, 246

 113, 252, 182

 255, 252, 255

 88, 252, 169

 63, 252, 156

 38, 252, 143

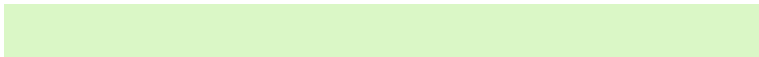
 13, 252, 130

 0, 252, 124

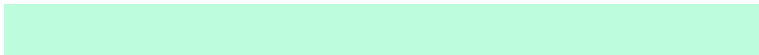
# Harmonies

## Analogous

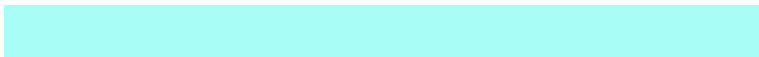
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



218, 247, 198



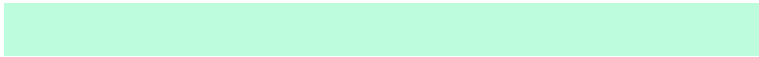
189, 252, 220



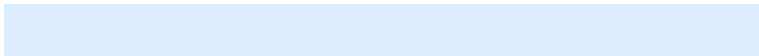
168, 253, 247

# Triad

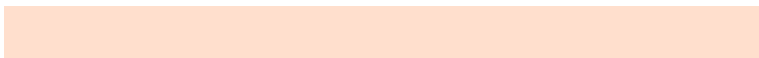
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



189, 252, 220



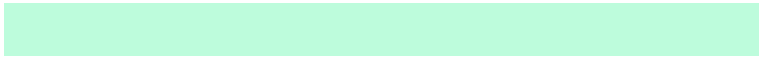
220, 237, 255



255, 223, 205

# Complementary

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



189, 252, 220



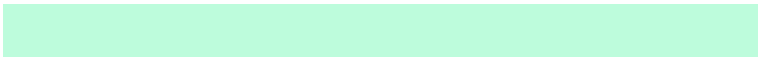
252, 189, 221

# 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, 219, 229



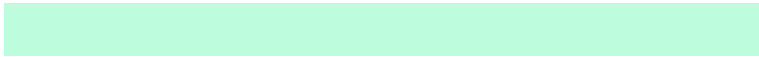
189, 252, 220



255, 228, 255

# Square

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



189, 252, 220



186, 246, 255



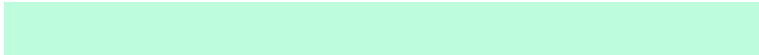
255, 221, 255



255, 231, 189

# Rectangle

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



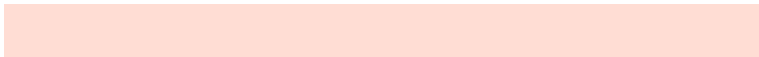
189, 252, 220



164, 252, 255



255, 221, 255

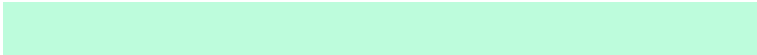


255, 221, 212

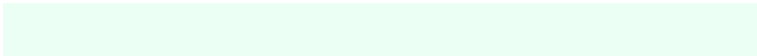


# Sweetspot

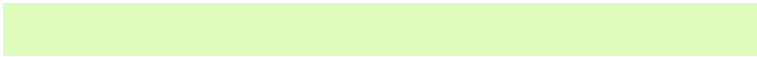
The Sweet Spot groups the original color and five complimentary colors.



189, 252, 220



235, 255, 245



222, 252, 189



115, 128, 121



0, 0, 0

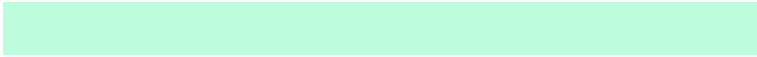


128, 128, 128

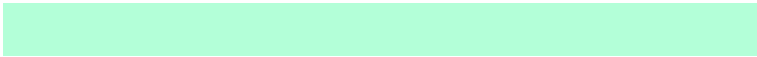


# Same Dimension

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



189, 252, 220



179, 255, 216



189, 252, 251



112, 125, 119



0, 189, 93



0, 61, 30



# Inverse Universe

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



252, 189, 221



255, 179, 217



252, 189, 190



125, 112, 119



189, 0, 96

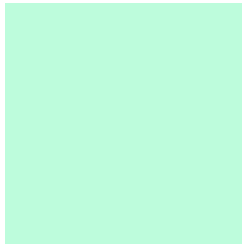


61, 0, 31



# Previews

## White Background



This preview shows how the RGB color 189, 252, 220 looks on a white background.

## Color Contrast Check

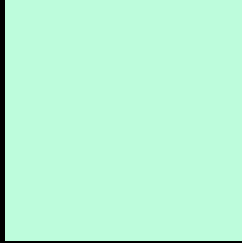
Large Text (above 18pt) WCAG AA × Fail

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, 252, 220 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

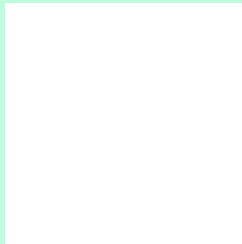
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## RGB 189, 252, 220 Background



This preview shows how black text looks on a background with the RGB color 189, 252, 220.

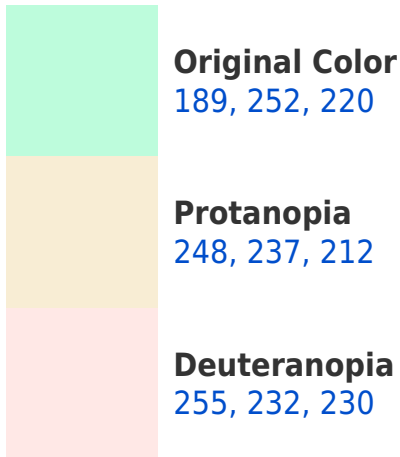


This preview shows how white text looks on a background with the RGB color 189, 252, 220.

# 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

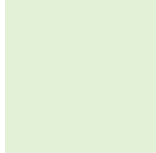
214, 242, 255

# Trichromacy



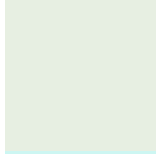
**Original Color**

189, 252, 220



**Protanomaly**

227, 242, 215



**Deuteranomaly**

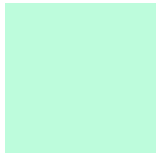
231, 239, 226



**Tritanomaly**

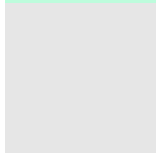
205, 246, 242

# Monochromacy



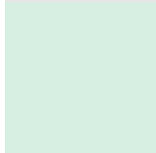
**Original Color**

189, 252, 220



**Achromatopsia**

230, 230, 230



**Achromatomaly**

215, 238, 226

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 189, 252, 220 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, 252, 220)` looks like.

```
.text, #text, p{  
    color:rgb(189, 252, 220)  
}
```

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, 252, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 252, 220) }
```

## Border

The CSS property to change the border of an element to RGB 189, 252, 220 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, 252, 220) }
```

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

```
.border{ border-color:rgb(189, 252, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 252, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 252, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 252, 220);  
box-shadow:4px 4px 4px 4px rgb(189, 252,  
220) }
```

# Background

The CSS property to change the background color of an element to RGB 189, 252, 220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 252, 220) }
```

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

```
.background{ background-color: rgb(189,  
252, 220) }
```

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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