

Converting Colors

RGB(189, 235, 219)

Have a look what the booklet for
RGB(189, 235, 219) contains.

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Color

RGB(189, 235, 219)

Conversions

Conversions Part 1

Format	Color
Hex	BDEBDB
RGB	189, 235, 219
RGB Percent	74%, 92%, 86%
CMY	0.2588, 0.0784, 0.1412
CMYK	0.20, 0.00, 0.07, 0.08
HSL	159°, 53%, 83%
HSV	159°, 20%, 92%
XYZ	63.4808, 75.3500, 78.2160
YIQ	219.4220, -22.2800, -14.7280

Conversions

Conversions Part 2

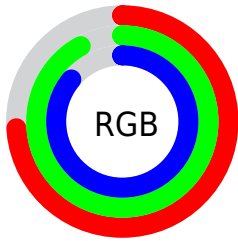
Format	Color
R _{YB}	189, 217, 235
Decimal	12446683
CIE _{Lab}	89.56, -17.93, 2.88
CIE _{LCh}	90, 18.158, 170.889
Yxy	75.3500, 0.2925, 0.3472
Android (android.graphics.Color)	4290636763 (0xFFBDEBDB)
YUV	219.4220, -0.2080, -26.6801
Hunter-Lab	86.8043, -21.3690, 7.3391

Details

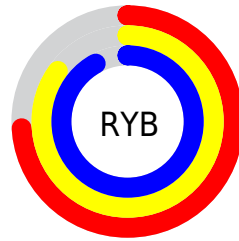
The RGB color **189, 235, 219** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **235, 189, 205**, and the grayscale version is **219, 219, 219**.

A 20% lighter version of the original color is **246, 255, 255**, and **135, 179, 164** is the 20% darker color. If you saturate the color by 10%, you get **166, 235, 211**, and if you desaturate by 10%, it is **212, 235, 227**.

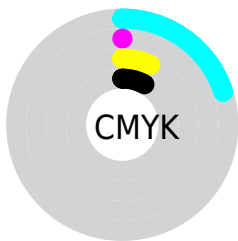
Distribution



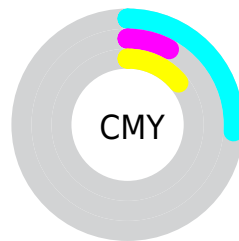
- Red (74%)
- Green (92%)
- Blue (86%)



- Red (74%)
- Yellow (85%)
- Blue (92%)



- Cyan (20%)
- Magenta (0%)
- Yellow (7%)
- Black (8%)



- Cyan (26%)
- Magenta (8%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the RGB color 189, 235, 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 189, 235, 219 by changing the saturation by 10% instead.

 189, 235, 219

255, 255, 255


 246, 255, 255


 189, 235, 219


 162, 207, 191


 135, 179, 164


 109, 152, 138

 84, 126, 112

 60, 101, 88

 36, 77, 65

 11, 54, 43

 0, 33, 22

 0, 0, 0

 189, 235, 219

 189, 235, 219

 166, 235, 211

 212, 235, 227

 142, 235, 203

 236, 235, 235

 119, 235, 194

 255, 235, 244

 95, 235, 186

 255, 235, 252

 72, 235, 178

 255, 235, 255

 48, 235, 170

 25, 235, 162

 1, 235, 154

 0, 235, 153

Harmonies

Analogous

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



206, 232, 203



189, 235, 219



180, 235, 237

Triad

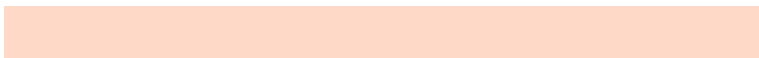
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



189, 235, 219



222, 222, 255



255, 217, 199

Complementary

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



189, 235, 219



235, 189, 205

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, 214, 213



189, 235, 219



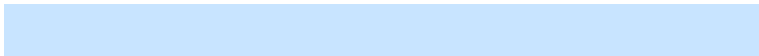
243, 217, 247

Square

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



189, 235, 219



200, 228, 255



255, 214, 231



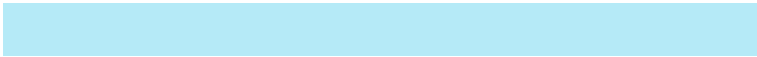
244, 222, 191

Rectangle

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



189, 235, 219



181, 234, 247



255, 214, 231



255, 215, 203

Sweetspot

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



189, 235, 219



240, 255, 250



205, 235, 189



119, 128, 124



0, 0, 0



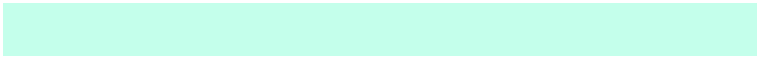
128, 128, 128

Same Dimension

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



189, 235, 219



196, 255, 235



189, 228, 235



106, 117, 113



0, 181, 118



0, 54, 35

Inverse Universe

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



235, 189, 205



255, 196, 217



235, 196, 189



117, 106, 110



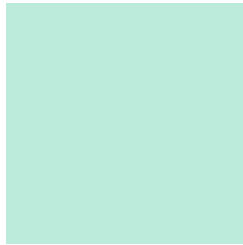
181, 0, 63



54, 0, 19

Previews

White Background



This preview shows how the RGB color 189, 235, 219 looks on a white background.

Color Contrast Check

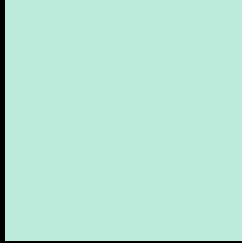
Large Text (above 18pt) WCAG AA × Fail

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 189, 235, 219 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

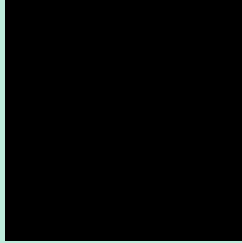
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

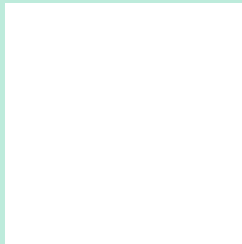
Any Text WCAG AAA ✓ Pass

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

RGB 189, 235, 219 Background



This preview shows how black text looks on a background with the RGB color 189, 235, 219.



This preview shows how white text looks on a background with the RGB color 189, 235, 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





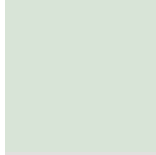
Tritanopia
195, 231, 249

Trichromacy



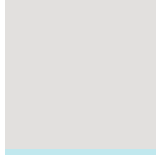
Original Color

189, 235, 219



Protanomaly

216, 228, 215



Deuteranomaly

226, 224, 222



Tritanomaly

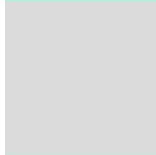
193, 232, 238

Monochromacy



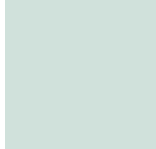
Original Color

189, 235, 219



Achromatopsia

219, 219, 219



Achromatomaly

208, 225, 219

CSS Examples

Text

The CSS property to change the color of the text to RGB 189, 235, 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(189, 235, 219)` looks like.

```
.text, #text, p{  
    color:rgb(189, 235, 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(189, 235, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 235, 219) }
```

Border

The CSS property to change the border of an element to RGB 189, 235, 219 is called "border". The border property can be set on classes, ids or directly on the HTML element.

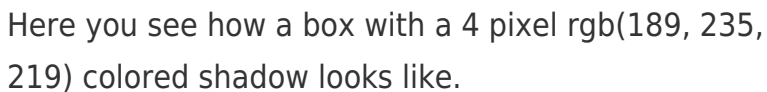
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(189, 235, 219) }
```

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

```
.border{ border-color:rgb(189, 235, 219) }
```

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



Here you see how a box with a 4 pixel `rgb(189, 235, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 235, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 235, 219);  
box-shadow:4px 4px 4px 4px rgb(189, 235,  
219) }
```

Background

The CSS property to change the background color of an element to RGB 189, 235, 219 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 235, 219) }
```

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

```
.background{ background-color: rgb(189,  
235, 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](#).

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