

Converting Colors

RGB(188, 221, 223)

Have a look what the booklet for
RGB(188, 221, 223) contains.

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Color

RGB(188, 221, 223)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | BCDDDF |
| RGB | 188, 221, 223 |
| RGB Percent | 74%, 87%, 87% |
| CMY | 0.2627, 0.1333, 0.1255 |
| CMYK | 0.16, 0.01, 0.00, 0.13 |
| HSL | 183°, 35%, 81% |
| HSV | 183°, 16%, 87% |
| XYZ | 59.9148, 67.7320, 79.7278 |
| YIQ | 211.3610, -20.3100, -6.3740 |

Conversions

Conversions Part 2

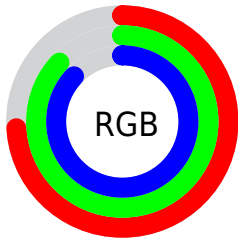
| Format | Color |
|-------------------------------------|-------------------------------|
| R _{YB} | 188, 205, 223 |
| Decimal | 12377567 |
| CIE Lab | 85.87, -10.39, -4.62 |
| CIE LCh | 86, 11.372, 203.991 |
| Yxy | 67.7320, 0.2889, 0.3266 |
| Android (android.graphics.Color) | 4290567647 (0xFFBCDDDF) |
| YUV | 211.3610, 5.7380, -20.4876 |
| Hunter-Lab | 82.2994, -14.0743, 0.1723 |

Details

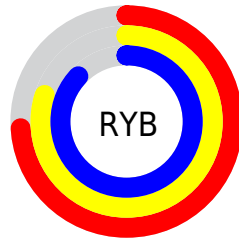
The RGB color **188, 221, 223** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **223, 190, 188**, and the grayscale version is **211, 211, 211**.

A 20% lighter version of the original color is **245, 255, 255**, and **134, 166, 168** is the 20% darker color. If you saturate the color by 10%, you get **166, 220, 223**, and if you desaturate by 10%, it is **210, 222, 223**.

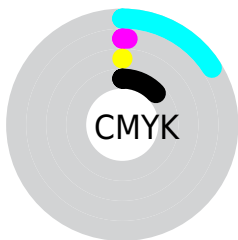
Distribution



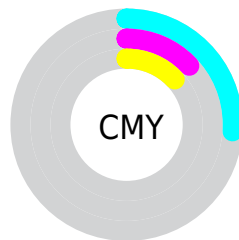
- Red (74%)
- Green (87%)
- Blue (87%)



- Red (74%)
- Yellow (80%)
- Blue (87%)



- Cyan (16%)
- Magenta (1%)
- Yellow (0%)
- Black (13%)



- Cyan (26%)
- Magenta (13%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the RGB color 188, 221, 223 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, 221, 223 by changing the saturation by 10% instead.


 188, 221, 223

255, 255, 255


 245, 255, 255

 188, 221, 223

 161, 193, 195

 134, 166, 168

 109, 140, 141

 84, 114, 116

 60, 89, 91

 37, 66, 68

 14, 44, 46

 0, 24, 25

 0, 0, 0

 188, 221, 223

 188, 221, 223

 166, 220, 223

 210, 222, 223

 143, 218, 223

 233, 224, 223

 121, 217, 223

 255, 225, 223

 99, 216, 223

 255, 226, 223

 77, 215, 223

 255, 227, 223

 54, 213, 223

 255, 229, 223

 32, 212, 223

 255, 230, 223

 10, 211, 223

 255, 231, 223

 0, 210, 223

 255, 232, 223

Harmonies

Analogous

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



192, 221, 212



188, 221, 223



191, 219, 232

Triad

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



188, 221, 223



227, 209, 227



226, 213, 194

Complementary

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



188, 221, 223



223, 190, 188

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.



235, 210, 198



188, 221, 223



236, 208, 217

Square

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



188, 221, 223



214, 213, 234



238, 208, 206



214, 217, 195

Rectangle

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



188, 221, 223



197, 217, 235



238, 208, 206



229, 212, 194

Sweetspot

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



188, 221, 223



242, 254, 255



188, 223, 190



120, 127, 128



0, 0, 0



128, 128, 128

Same Dimension

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



188, 221, 223



207, 252, 255



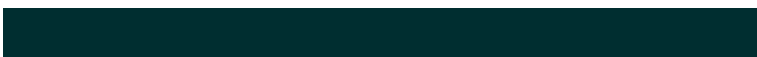
188, 204, 223



101, 112, 112



0, 166, 176



0, 46, 48

Inverse Universe

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



223, 188, 221



255, 207, 252



223, 207, 188



112, 101, 112



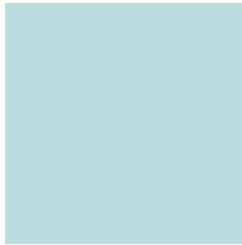
176, 0, 166



48, 0, 46

Previews

White Background



This preview shows how the RGB color 188, 221, 223 looks on a white background.

Color Contrast Check

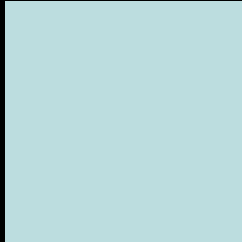
Large Text (above 18pt) WCAG AA × Fail

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, 221, 223 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

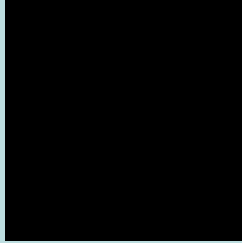
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

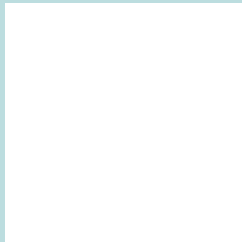
Any Text WCAG AAA ✓ Pass

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

RGB 188, 221, 223 Background



This preview shows how black text looks on a background with the RGB color 188, 221, 223.



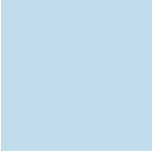
This preview shows how white text looks on a background with the RGB color 188, 221, 223.

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](#).

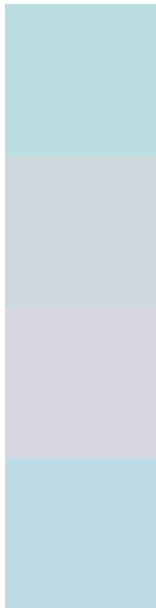
Dichromacy





Tritanopia
191, 219, 236

Trichromacy



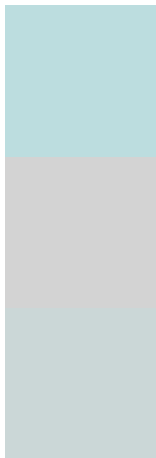
Original Color
188, 221, 223

Protanomaly
206, 216, 220

Deuteranomaly
215, 213, 225

Tritanomaly
190, 220, 231

Monochromacy



Original Color
188, 221, 223

Achromatopsia
211, 211, 211

Achromatomaly
203, 215, 215

CSS Examples

Text

The CSS property to change the color of the text to RGB 188, 221, 223 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, 221, 223)` looks like.

```
.text, #text, p{  
    color:rgb(188, 221, 223)  
}
```

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, 221, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 221, 223) }
```

Border

The CSS property to change the border of an element to RGB 188, 221, 223 is called "border". The border property can be set on classes, ids or directly on the HTML element.

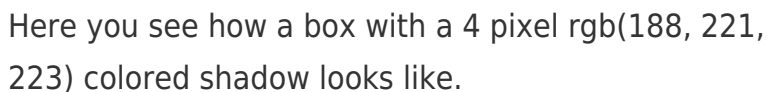
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(188, 221, 223) }
```

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

```
.border{ border-color:rgb(188, 221, 223) }
```

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



Here you see how a box with a 4 pixel `rgb(188, 221, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(188, 221, 223); -webkit-box-shadow:4px 4px 4px 4px rgb(188, 221, 223); box-shadow:4px 4px 4px 4px rgb(188, 221, 223) }
```

Background

The CSS property to change the background color of an element to RGB 188, 221, 223 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 221, 223) }
```

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

```
.background{ background-color: rgb(188,  
221, 223) }
```

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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