

Converting Colors

RGB(186, 219, 210)

Have a look what the booklet for
RGB(186, 219, 210) contains.

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Color

RGB(186, 219, 210)

Conversions

Conversions Part 1

Format	Color
Hex	BADB D2
RGB	186, 219, 210
RGB Percent	73%, 86%, 82%
CMY	0.2706, 0.1412, 0.1765
CMYK	0.15, 0.00, 0.04, 0.14
HSL	164°, 31%, 79%
HSV	164°, 15%, 86%
XYZ	57.2141, 65.7553, 70.6493
YIQ	208.1070, -16.7790, -9.7950

Conversions

Conversions Part 2

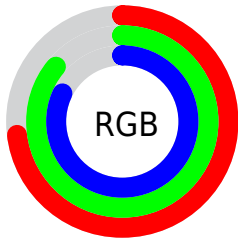
Format	Color
RYB	186, 205, 219
Decimal	12245970
CIELab	84.87, -12.62, 0.77
CIElCh	85, 12.640, 176.507
Yxy	65.7553, 0.2955, 0.3396
Android (android.graphics.Color)	4290436050 (0xFFBADBD2)
YUV	208.1070, 0.9332, -19.3878
Hunter-Lab	81.0896, -15.9633, 5.1064

Details

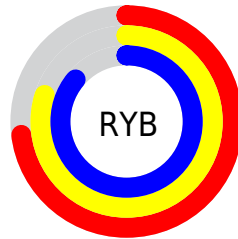
The RGB color **186, 219, 210** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **219, 186, 195**, and the grayscale version is **208, 208, 208**.

A 20% lighter version of the original color is **242, 255, 255**, and **132, 164, 156** is the 20% darker color. If you saturate the color by 10%, you get **164, 219, 204**, and if you desaturate by 10%, it is **208, 219, 216**.

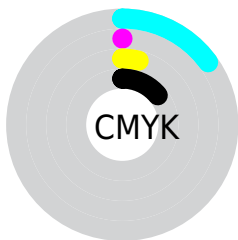
Distribution



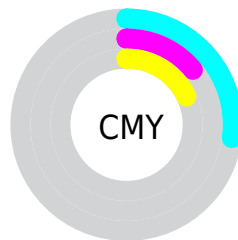
- Red (73%)
- Green (86%)
- Blue (82%)



- Red (73%)
- Yellow (80%)
- Blue (86%)



- Cyan (15%)
- Magenta (0%)
- Yellow (4%)
- Black (14%)



- Cyan (27%)
- Magenta (14%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the RGB color 186, 219, 210 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 186, 219, 210 by changing the saturation by 10% instead.


 186, 219, 210

255, 255, 255


 242, 255, 255

 186, 219, 210

 159, 191, 182

 132, 164, 156

 107, 138, 130

 82, 112, 104

 59, 88, 80

 36, 64, 58

 14, 42, 36

 0, 23, 15

 0, 0, 0

 186, 219, 210

 186, 219, 210

 164, 219, 204

 208, 219, 216

 142, 219, 198

 230, 219, 222

 120, 219, 192

 252, 219, 228

 98, 219, 186

 255, 219, 234

 77, 219, 180

 255, 219, 240

 55, 219, 174

 255, 219, 246

 33, 219, 168

 255, 219, 252

 11, 219, 162

 255, 219, 255

 0, 219, 159

Harmonies

Analogous

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



196, 217, 198



186, 219, 210



182, 219, 222

Triad

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



186, 219, 210



213, 209, 233



233, 207, 192

Complementary

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



186, 219, 210



219, 186, 195

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.



238, 204, 202



186, 219, 210



226, 206, 225

Square

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



186, 219, 210



198, 213, 235



235, 204, 214



223, 211, 188

Rectangle

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



186, 219, 210



184, 218, 229



235, 204, 214



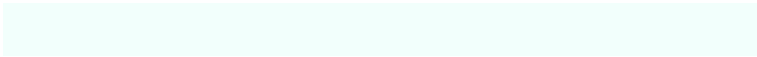
236, 206, 195

Sweetspot

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



186, 219, 210



242, 255, 252



195, 219, 186



120, 128, 125



0, 0, 0



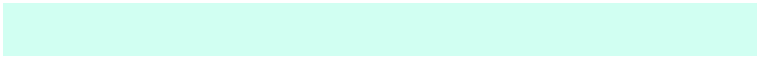
128, 128, 128

Same Dimension

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



186, 219, 210



209, 255, 242



186, 212, 219



99, 110, 107



0, 173, 126



0, 46, 33

Inverse Universe

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



219, 186, 195



255, 209, 222



219, 193, 186



110, 99, 102



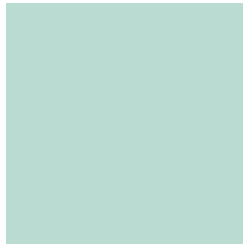
173, 0, 47



46, 0, 13

Previews

White Background



This preview shows how the RGB color 186, 219, 210 looks on a white background.

Color Contrast Check

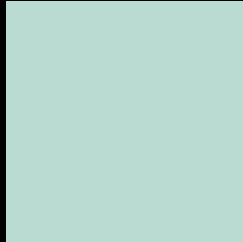
Large Text (above 18pt) WCAG AA × Fail

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 186, 219, 210 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

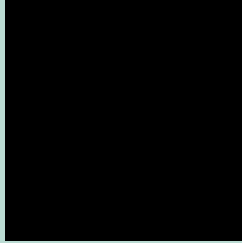
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

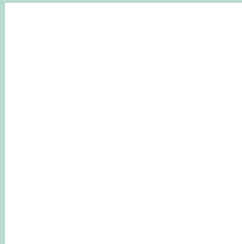
Any Text WCAG AAA ✓ Pass

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

RGB 186, 219, 210 Background



This preview shows how black text looks on a background with the RGB color 186, 219, 210.



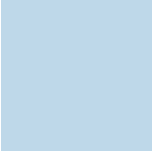
This preview shows how white text looks on a background with the RGB color 186, 219, 210.

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](#).

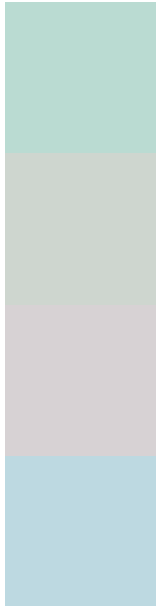
Dichromacy





Tritanopia
190, 216, 233

Trichromacy



Original Color
186, 219, 210

Protanomaly
206, 214, 207

Deuteranomaly
215, 210, 212

Tritanomaly
189, 217, 225

Monochromacy



Original Color
186, 219, 210

Achromatopsia
208, 208, 208

Achromatomaly
200, 212, 209

CSS Examples

Text

The CSS property to change the color of the text to RGB 186, 219, 210 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(186, 219, 210)` looks like.

```
.text, #text, p{  
    color:rgb(186, 219, 210)  
}
```

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(186, 219, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 219, 210) }
```

Border

The CSS property to change the border of an element to RGB 186, 219, 210 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(186, 219, 210) }
```

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

```
.border{ border-color:rgb(186, 219, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 219, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 219, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 219, 210);  
box-shadow:4px 4px 4px 4px rgb(186, 219,  
210) }
```

Background

The CSS property to change the background color of an element to RGB 186, 219, 210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 219, 210) }
```

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

```
.background{ background-color: rgb(186,  
219, 210) }
```

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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