

Converting Colors

RGB(196, 222, 219)

Have a look what the booklet for
RGB(196, 222, 219) contains.

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Color

RGB(196, 222, 219)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | C4DEDB |
| RGB | 196, 222, 219 |
| RGB Percent | 77%, 87%, 86% |
| CMY | 0.2314, 0.1294, 0.1412 |
| CMYK | 0.12, 0.00, 0.01, 0.13 |
| HSL | 173°, 28%, 82% |
| HSV | 173°, 12%, 87% |
| XYZ | 61.6724, 69.0928, 77.1036 |
| YIQ | 213.8840, -14.5330, -6.4450 |

Conversions

Conversions Part 2

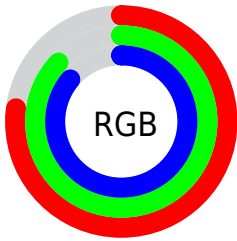
| Format | Color |
|-------------------------------------|-------------------------------|
| R _{YB} | 196, 210, 222 |
| Decimal | 12902107 |
| CIE Lab | 86.55, -9.16, -1.46 |
| CIE LCh | 87, 9.274, 189.030 |
| Yxy | 69.0928, 0.2967, 0.3324 |
| Android (android.graphics.Color) | 4291092187 (0xFFC4DEDB) |
| YUV | 213.8840, 2.5222, -15.6843 |
| Hunter-Lab | 83.1221, -13.0256, 3.1884 |

Details

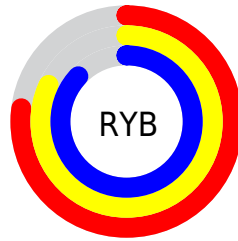
The RGB color **196, 222, 219** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **222, 196, 199**, and the grayscale version is **214, 214, 214**.

A 20% lighter version of the original color is 253, 255, 255, and **142, 167, 164** is the 20% darker color. If you saturate the color by 10%, you get **174, 222, 216**, and if you desaturate by 10%, it is **218, 222, 222**.

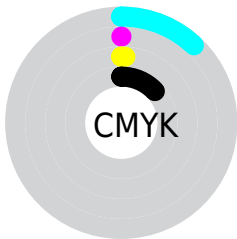
Distribution



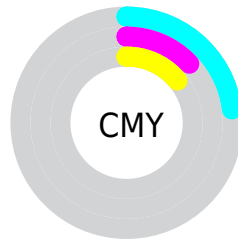
- Red (77%)
- Green (87%)
- Blue (86%)



- Red (77%)
- Yellow (82%)
- Blue (87%)



- Cyan (12%)
- Magenta (0%)
- Yellow (1%)
- Black (13%)



- Cyan (23%)
- Magenta (13%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the RGB color 196, 222, 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 196, 222, 219 by changing the saturation by 10% instead.

■ 196, 222, 219

255, 255, 255

253, 255, 255

■ 196, 222, 219

■ 169, 194, 191

■ 142, 167, 164

■ 116, 140, 138

■ 91, 115, 112

■ 68, 90, 88

■ 45, 67, 65

■ 23, 45, 43

■ 0, 25, 22

■ 0, 0, 0

 196, 222, 219

 196, 222, 219

 174, 222, 216

 218, 222, 222

 152, 222, 214

 240, 222, 224

 129, 222, 211

 255, 222, 227

 107, 222, 209

 255, 222, 229

 85, 222, 206

 255, 222, 232

 63, 222, 204

 255, 222, 234

 41, 222, 201

 255, 222, 237

 18, 222, 199

 255, 222, 239

 0, 222, 196

 255, 222, 242

Harmonies

Analogous

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



202, 221, 210



196, 222, 219



196, 221, 227

Triad

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



196, 222, 219



222, 214, 230



230, 214, 200

Complementary

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



196, 222, 219



222, 196, 199

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, 212, 206



196, 222, 219



231, 211, 223

Square

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



196, 222, 219



211, 216, 234



236, 211, 214



221, 217, 199

Rectangle

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



196, 222, 219



199, 220, 231



236, 211, 214



232, 213, 202

Sweetspot

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



196, 222, 219



245, 255, 254



199, 222, 196



121, 128, 127



0, 0, 0



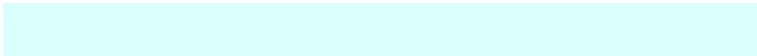
128, 128, 128

Same Dimension

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



196, 222, 219



219, 255, 251



196, 212, 222



101, 112, 111



0, 176, 156



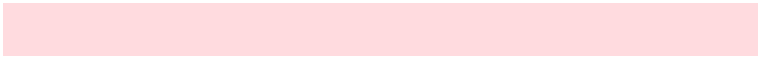
0, 48, 43

Inverse Universe

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



222, 196, 199



255, 219, 223



222, 206, 196



112, 101, 102



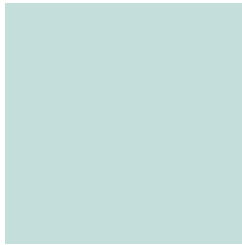
176, 0, 20



48, 0, 6

Previews

White Background



This preview shows how the RGB color 196, 222, 219 looks on a white background.

Color Contrast Check

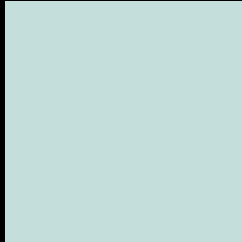
Large Text (above 18pt) WCAG AA × Fail

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 196, 222, 219 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

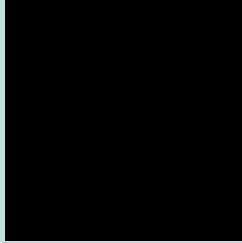
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

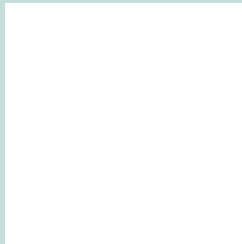
Any Text WCAG AAA ✓ Pass

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

RGB 196, 222, 219 Background



This preview shows how black text looks on a background with the RGB color 196, 222, 219.



This preview shows how white text looks on a background with the RGB color 196, 222, 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](#).

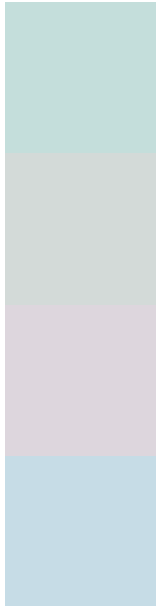
Dichromacy





Tritanopia
199, 219, 237

Trichromacy



Original Color

196, 222, 219

Protanomaly

211, 218, 216

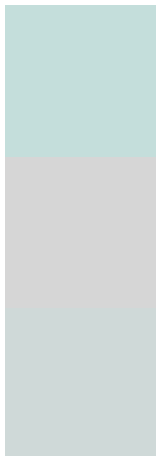
Deuteranomaly

221, 214, 221

Tritanomaly

198, 220, 230

Monochromacy



Original Color

196, 222, 219

Achromatopsia

214, 214, 214

Achromatomaly

207, 217, 216

CSS Examples

Text

The CSS property to change the color of the text to RGB 196, 222, 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(196, 222, 219)` looks like.

```
.text, #text, p{  
    color:rgb(196, 222, 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(196, 222, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 222, 219) }
```

Border

The CSS property to change the border of an element to RGB 196, 222, 219 is called "border". The border property can be set on classes, ids or directly on the HTML element.

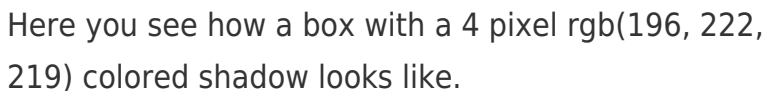
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(196, 222, 219) }
```

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

```
.border{ border-color:rgb(196, 222, 219) }
```

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



Here you see how a box with a 4 pixel `rgb(196, 222, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(196, 222, 219); -webkit-box-shadow:4px 4px 4px 4px rgb(196, 222, 219); box-shadow:4px 4px 4px 4px rgb(196, 222, 219) }
```

Background

The CSS property to change the background color of an element to RGB 196, 222, 219 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 222, 219) }
```

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

```
.background{ background-color: rgb(196,  
222, 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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