

Converting Colors

RGB(201, 227, 222)

Have a look what the booklet for
RGB(201, 227, 222) contains.

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Color

RGB(201, 227, 222)

Conversions

Conversions Part 1

Format	Color
Hex	C9E3DE
RGB	201, 227, 222
RGB Percent	79%, 89%, 87%
CMY	0.2118, 0.1098, 0.1294
CMYK	0.11, 0.00, 0.02, 0.11
HSL	168°, 32%, 84%
HSV	168°, 11%, 89%
XYZ	64.7413, 72.6296, 79.7139
YIQ	218.6560, -13.8910, -7.0670

Conversions

Conversions Part 2

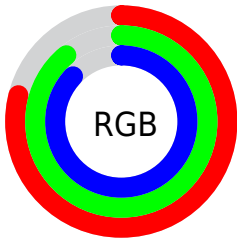
Format	Color
R_{YB}	201, 215, 227
Decimal	13231070
CIE Lab	88.27, -9.51, -0.48
CIE LCh	88, 9.524, 182.878
Yxy	72.6296, 0.2982, 0.3346
Android (android.graphics.Color)	4291421150 (0xFFC9E3DE)
YUV	218.6560, 1.6486, -15.4843
Hunter-Lab	85.2230, -13.5393, 4.1988

Details

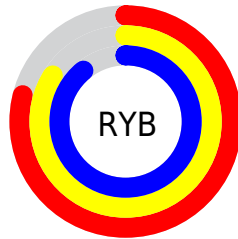
The RGB color **201, 227, 222** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **227, 201, 206**, and the grayscale version is **219, 219, 219**.

A 20% lighter version of the original color is 255, 255, 255, and **147, 172, 167** is the 20% darker color. If you saturate the color by 10%, you get **178, 227, 218**, and if you desaturate by 10%, it is **224, 227, 226**.

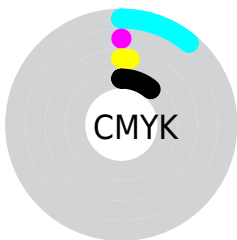
Distribution



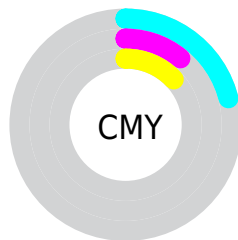
- Red (79%)
- Green (89%)
- Blue (87%)



- Red (79%)
- Yellow (84%)
- Blue (89%)



- Cyan (11%)
- Magenta (0%)
- Yellow (2%)
- Black (11%)



- Cyan (21%)
- Magenta (11%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the RGB color 201, 227, 222 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 201, 227, 222 by changing the saturation by 10% instead.

■ 201, 227, 222

255, 255, 255

■ 201, 227, 222

■ 174, 199, 194

■ 147, 172, 167

■ 121, 145, 141

■ 96, 119, 115

■ 72, 95, 91

■ 49, 71, 67

■ 27, 48, 45

■ 5, 28, 24

■ 0, 0, 0

 201, 227, 222

 201, 227, 222

 178, 227, 218

 224, 227, 226

 156, 227, 213

 246, 227, 231

 133, 227, 209

 255, 227, 235

 110, 227, 205

 255, 227, 239

 88, 227, 200

 255, 227, 244

 65, 227, 196

 255, 227, 248

 42, 227, 191

 255, 227, 253

 19, 227, 187

 255, 227, 255

 0, 227, 183

Harmonies

Analogous

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



208, 226, 213



201, 227, 222



199, 227, 231

Triad

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



201, 227, 222



225, 219, 237



237, 218, 206

Complementary

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



201, 227, 222



227, 201, 206

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.



241, 216, 212



201, 227, 222



234, 216, 230

Square

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



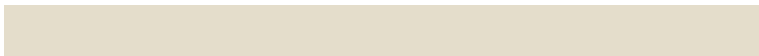
201, 227, 222



213, 222, 239



240, 215, 221



228, 221, 203

Rectangle

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



201, 227, 222



202, 225, 236



240, 215, 221



239, 217, 207

Sweetspot

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



201, 227, 222



247, 255, 254



206, 227, 201



122, 128, 127



0, 0, 0



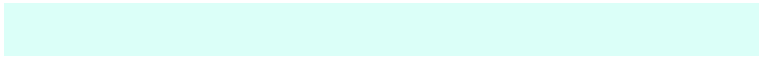
128, 128, 128

Same Dimension

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



201, 227, 222



219, 255, 248



201, 219, 227



103, 115, 113



0, 179, 144



0, 51, 41

Inverse Universe

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



227, 201, 206



255, 219, 226



227, 209, 201



115, 103, 105



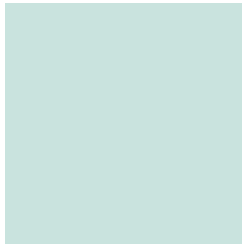
179, 0, 34



51, 0, 10

Previews

White Background



This preview shows how the RGB color 201, 227, 222 looks on a white background.

Color Contrast Check

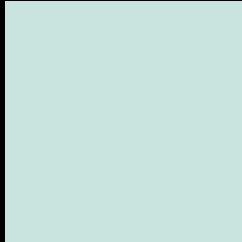
Large Text (above 18pt) WCAG AA × Fail

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 201, 227, 222 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

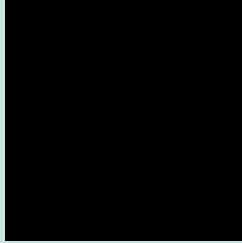
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

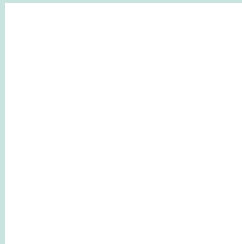
Any Text WCAG AAA ✓ Pass

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

RGB 201, 227, 222 Background



This preview shows how black text looks on a background with the RGB color 201, 227, 222.



This preview shows how white text looks on a background with the RGB color 201, 227, 222.

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](#).

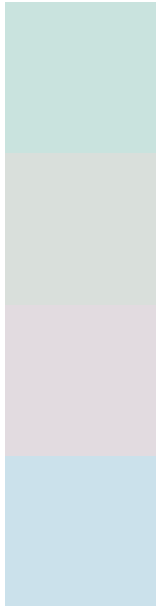
Dichromacy





Tritanopia
204, 224, 242

Trichromacy



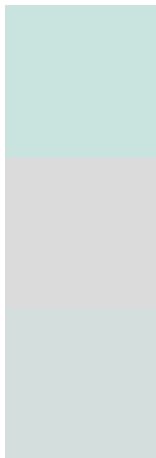
Original Color
201, 227, 222

Protanomaly
217, 223, 219

Deuteranomaly
226, 219, 224

Tritanomaly
203, 225, 235

Monochromacy



Original Color
201, 227, 222

Achromatopsia
219, 219, 219

Achromatomaly
212, 222, 220

CSS Examples

Text

The CSS property to change the color of the text to RGB 201, 227, 222 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(201, 227, 222)` looks like.

```
.text, #text, p{  
    color:rgb(201, 227, 222)  
}
```

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(201, 227, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 227, 222) }
```

Border

The CSS property to change the border of an element to RGB 201, 227, 222 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(201, 227, 222) }
```

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

```
.border{ border-color:rgb(201, 227, 222) }
```

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

Here you see how a box with a 4 pixel rgb(201, 227, 222) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 227, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 227, 222);  
box-shadow:4px 4px 4px 4px rgb(201, 227,  
222) }
```

Background

The CSS property to change the background color of an element to RGB 201, 227, 222 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 227, 222) }
```

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

```
.background{ background-color: rgb(201,  
227, 222) }
```

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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