

Converting Colors

RGB(199, 224, 222)

Have a look what the booklet for
RGB(199, 224, 222) contains.

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Color

RGB(199, 224, 222)

Conversions

Conversions Part 1

Format	Color
Hex	C7E0DE
RGB	199, 224, 222
RGB Percent	78%, 88%, 87%
CMY	0.2196, 0.1216, 0.1294
CMYK	0.11, 0.00, 0.01, 0.12
HSL	175°, 29%, 83%
HSV	175°, 11%, 88%
XYZ	63.3937, 70.7273, 79.4178
YIQ	216.2970, -14.2580, -5.9220

Conversions

Conversions Part 2

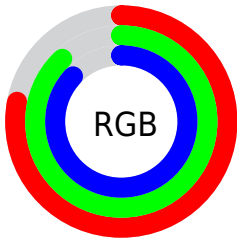
Format	Color
R _Y B	199, 212, 224
Decimal	13099230
CIE Lab	87.35, -8.63, -1.84
CIE LCh	87, 8.821, 192.027
Yxy	70.7273, 0.2969, 0.3312
Android (android.graphics.Color)	4291289310 (0xFFC7E0DE)
YUV	216.2970, 2.8116, -15.1695
Hunter-Lab	84.0996, -12.6222, 2.8803

Details

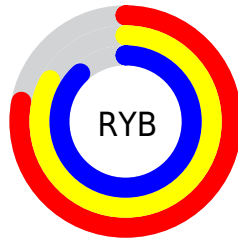
The RGB color `199, 224, 222` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `224, 199, 201`, and the grayscale version is `216, 216, 216`.

A 20% lighter version of the original color is `255, 255, 255`, and `145, 169, 167` is the 20% darker color. If you saturate the color by 10%, you get `177, 224, 220`, and if you desaturate by 10%, it is `221, 224, 224`.

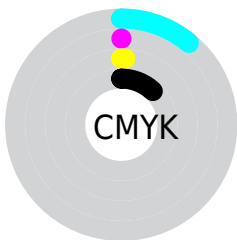
Distribution



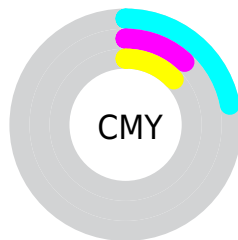
- Red (78%)
- Green (88%)
- Blue (87%)



- Red (78%)
- Yellow (83%)
- Blue (88%)



- Cyan (11%)
- Magenta (0%)
- Yellow (1%)
- Black (12%)



- Cyan (22%)
- Magenta (12%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the RGB color 199, 224, 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 199, 224, 222 by changing the saturation by 10% instead.

■ 199, 224, 222

255, 255, 255

■ 199, 224, 222

■ 172, 196, 194

■ 145, 169, 167

■ 119, 142, 141

■ 94, 117, 115

■ 70, 92, 91

■ 47, 69, 67

■ 26, 46, 45


■ 2, 26, 24

■ 0, 0, 0

 199, 224, 222

 199, 224, 222

 177, 224, 220

 221, 224, 224

 154, 224, 218

 244, 224, 226

 132, 224, 217

 255, 224, 227

 109, 224, 215

 255, 224, 229

 87, 224, 213

 255, 224, 231

 65, 224, 211

 255, 224, 233

 42, 224, 209

 255, 224, 235

 20, 224, 208

 255, 224, 236

 0, 224, 206

 255, 224, 238

Harmonies

Analogous

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



204, 224, 213



199, 224, 222



199, 223, 230

Triad

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



199, 224, 222



225, 216, 231



231, 217, 203

Complementary

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



199, 224, 222



224, 199, 201

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.



236, 214, 208



199, 224, 222



233, 214, 224

Square

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



199, 224, 222



214, 218, 235



237, 213, 216



222, 219, 203

Rectangle

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



199, 224, 222



203, 222, 233



237, 213, 216



233, 216, 204

Sweetspot

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



199, 224, 222



247, 255, 254



201, 224, 199



122, 128, 127



0, 0, 0



128, 128, 128

Same Dimension

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



199, 224, 222



222, 255, 252



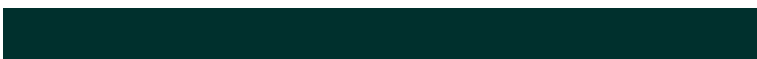
199, 214, 224



101, 112, 111



0, 176, 162



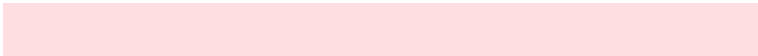
0, 48, 45

Inverse Universe

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



224, 199, 201



255, 222, 225



224, 209, 199



112, 101, 102



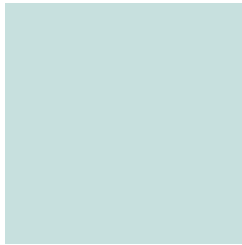
176, 0, 14



48, 0, 4

Previews

White Background



This preview shows how the RGB color 199, 224, 222 looks on a white background.

Color Contrast Check

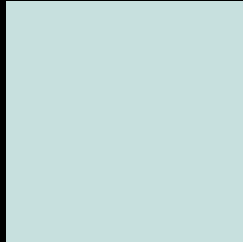
Large Text (above 18pt) WCAG AA × Fail

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 199, 224, 222 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

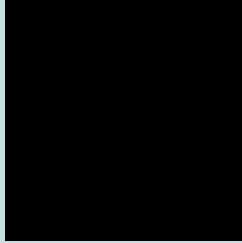
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

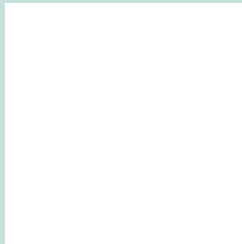
Any Text WCAG AAA ✓ Pass

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

RGB 199, 224, 222 Background



This preview shows how black text looks on a background with the RGB color 199, 224, 222.



This preview shows how white text looks on a background with the RGB color 199, 224, 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](#).

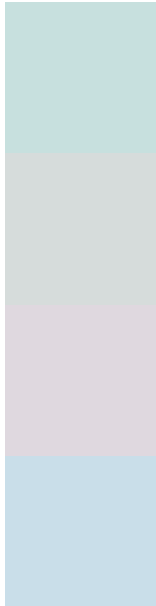
Dichromacy





Tritanopia
202, 221, 239

Trichromacy



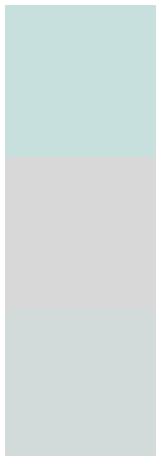
Original Color
199, 224, 222

Protanomaly
214, 220, 219

Deuteranomaly
223, 216, 223

Tritanomaly
201, 222, 233

Monochromacy



Original Color
199, 224, 222

Achromatopsia
216, 216, 216

Achromatomaly
210, 219, 218

CSS Examples

Text

The CSS property to change the color of the text to RGB 199, 224, 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(199, 224, 222)` looks like.

```
.text, #text, p{  
    color:rgb(199, 224, 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(199, 224, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 224, 222) }
```

Border

The CSS property to change the border of an element to RGB 199, 224, 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(199, 224, 222) }
```

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

```
.border{ border-color:rgb(199, 224, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 224, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 224, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 224, 222);  
box-shadow:4px 4px 4px 4px rgb(199, 224,  
222) }
```

Background

The CSS property to change the background color of an element to RGB 199, 224, 222 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 224, 222) }
```

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

```
.background{ background-color: rgb(199,  
224, 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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