

Converting Colors

RGB(199, 234, 233)

Have a look what the booklet for
RGB(199, 234, 233) contains.

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Color

RGB(199, 234, 233)

Conversions

Conversions Part 1

Format	Color
Hex	C7EAE9
RGB	199, 234, 233
RGB Percent	78%, 92%, 91%
CMY	0.2196, 0.0824, 0.0863
CMYK	0.15, 0.00, 0.00, 0.08
HSL	178°, 45%, 85%
HSV	178°, 15%, 92%
XYZ	67.6840, 76.8709, 88.3610
YIQ	223.4210, -20.5390, -7.7310

Conversions

Conversions Part 2

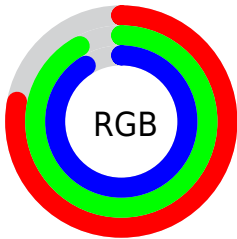
Format	Color
R _{YB}	199, 217, 234
Decimal	13101801
CIE Lab	90.26, -11.53, -3.34
CIE LCh	90, 12.003, 196.157
Yxy	76.8709, 0.2906, 0.3300
Android (android.graphics.Color)	4291291881 (0xFFC7EAE9)
YUV	223.4210, 4.7224, -21.4172
Hunter-Lab	87.6761, -15.6351, 1.6201

Details

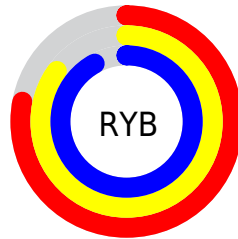
The RGB color **199, 234, 233** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **234, 199, 200**, and the grayscale version is **223, 223, 223**.

A 20% lighter version of the original color is 255, 255, 255, and **145, 178, 177** is the 20% darker color. If you saturate the color by 10%, you get **176, 234, 232**, and if you desaturate by 10%, it is **222, 234, 234**.

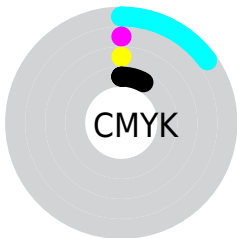
Distribution



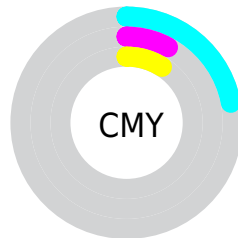
- Red (78%)
- Green (92%)
- Blue (91%)



- Red (78%)
- Yellow (85%)
- Blue (92%)



- Cyan (15%)
- Magenta (0%)
- Yellow (0%)
- Black (8%)



- Cyan (22%)
- Magenta (8%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the RGB color 199, 234, 233 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, 234, 233 by changing the saturation by 10% instead.

■ 199, 234, 233

255, 255, 255

■ 199, 234, 233

■ 171, 206, 205

■ 145, 178, 177

■ 119, 152, 151

■ 93, 126, 125

■ 69, 101, 100

■ 46, 77, 76

■ 23, 54, 53

■ 1, 32, 32

■ 0, 2, 9

 199, 234, 233

 199, 234, 233

 176, 234, 232

 222, 234, 234

 152, 234, 232

 246, 234, 234

 129, 234, 231

 255, 234, 235

 105, 234, 230

 255, 234, 236

 82, 234, 230

 255, 234, 236

 59, 234, 229

 255, 234, 237

 35, 234, 228

 255, 234, 238

 12, 234, 228

 255, 234, 238

 0, 234, 227

 255, 234, 239

Harmonies

Analogous

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



205, 234, 221



199, 234, 233



200, 233, 243

Triad

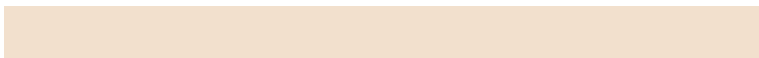
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



199, 234, 233



237, 222, 243



242, 224, 205

Complementary

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



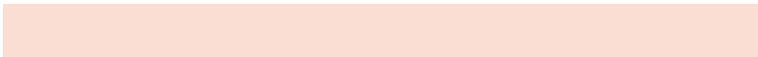
199, 234, 233



234, 199, 200

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.



250, 221, 211



199, 234, 233



247, 220, 233

Square

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



199, 234, 233



223, 226, 249



252, 220, 221



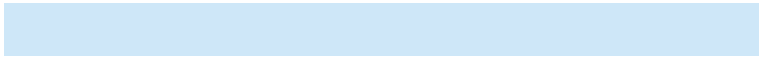
230, 228, 205

Rectangle

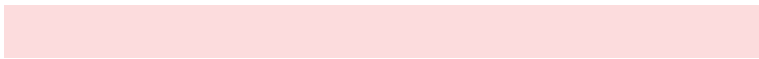
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



199, 234, 233



206, 231, 248



252, 220, 221



245, 223, 206

Sweetspot

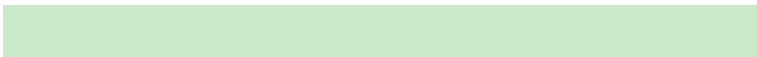
The Sweet Spot groups the original color and five complimentary colors.



199, 234, 233



245, 255, 255



200, 234, 199



121, 128, 127



0, 0, 0



128, 128, 128

Same Dimension

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



199, 234, 233



209, 255, 254



199, 218, 234



106, 117, 117



0, 181, 176



0, 54, 52

Inverse Universe

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



234, 199, 200



255, 209, 210



234, 215, 199



117, 106, 106



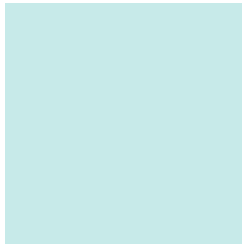
181, 0, 5



54, 0, 2

Previews

White Background



This preview shows how the RGB color 199, 234, 233 looks on a white background.

Color Contrast Check

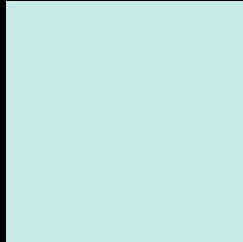
Large Text (above 18pt) WCAG AA × Fail

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, 234, 233 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

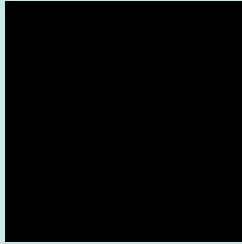
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

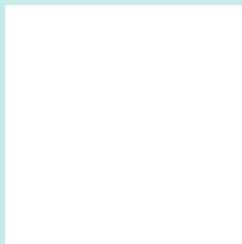
Any Text WCAG AAA ✓ Pass

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

RGB 199, 234, 233 Background



This preview shows how black text looks on a background with the RGB color 199, 234, 233.

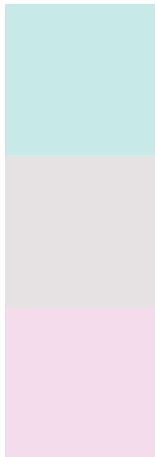


This preview shows how white text looks on a background with the RGB color 199, 234, 233.

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



Original Color
199, 234, 233

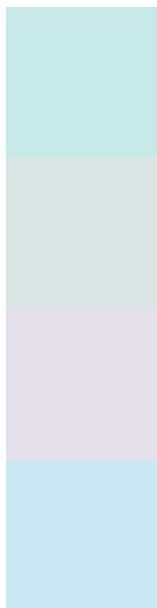
Protanopia
230, 226, 228

Deuteranopia
244, 220, 236



Tritanopia
202, 231, 250

Trichromacy



Original Color

199, 234, 233

Protanomaly

219, 229, 230

Deuteranomaly

228, 225, 235

Tritanomaly

201, 232, 244

Monochromacy



Original Color

199, 234, 233

Achromatopsia

223, 223, 223

Achromatomaly

214, 227, 227

CSS Examples

Text

The CSS property to change the color of the text to RGB 199, 234, 233 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, 234, 233)` looks like.

```
.text, #text, p{  
    color:rgb(199, 234, 233)  
}
```

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, 234, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 234, 233) }
```

Border

The CSS property to change the border of an element to RGB 199, 234, 233 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, 234, 233) }
```

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

```
.border{ border-color:rgb(199, 234, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 234, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 234, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 234, 233);  
box-shadow:4px 4px 4px 4px rgb(199, 234,  
233) }
```

Background

The CSS property to change the background color of an element to RGB 199, 234, 233 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 234, 233) }
```

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

```
.background{ background-color: rgb(199,  
234, 233) }
```

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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