

Converting Colors

RGB(199, 228, 232)

Have a look what the booklet for
RGB(199, 228, 232) contains.

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Color

RGB(199, 228, 232)

Conversions

Conversions Part 1

Format	Color
Hex	C7E4E8
RGB	199, 228, 232
RGB Percent	78%, 89%, 91%
CMY	0.2196, 0.1059, 0.0902
CMYK	0.14, 0.02, 0.00, 0.09
HSL	187°, 42%, 85%
HSV	187°, 14%, 91%
XYZ	65.8621, 73.4551, 87.0509
YIQ	219.7850, -18.5680, -4.9040

Conversions

Conversions Part 2

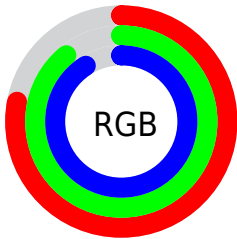
Format	Color
RYB	199, 214, 232
Decimal	13100264
CIELab	88.66, -8.68, -5.17
CIELCh	89, 10.106, 210.758
Yxy	73.4551, 0.2910, 0.3245
Android (android.graphics.Color)	4291290344 (0xFFC7E4E8)
YUV	219.7850, 6.0220, -18.2284
Hunter-Lab	85.7060, -12.8143, -0.2262

Details

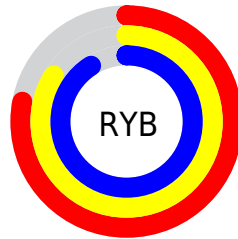
The RGB color **199, 228, 232** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **232, 203, 199**, and the grayscale version is **220, 220, 220**.

A 20% lighter version of the original color is 255, 255, 255, and **145, 173, 176** is the 20% darker color. If you saturate the color by 10%, you get **176, 225, 232**, and if you desaturate by 10%, it is **222, 231, 232**.

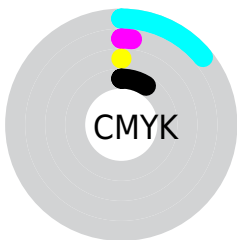
Distribution



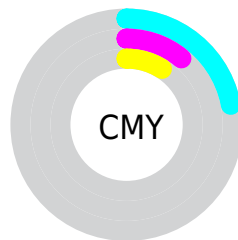
- Red (78%)
- Green (89%)
- Blue (91%)



- Red (78%)
- Yellow (84%)
- Blue (91%)



- Cyan (14%)
- Magenta (2%)
- Yellow (0%)
- Black (9%)



- Cyan (22%)
- Magenta (11%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the RGB color 199, 228, 232 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, 228, 232 by changing the saturation by 10% instead.

■ 199, 228, 232

255, 255, 255

■ 199, 228, 232

■ 172, 200, 204

■ 145, 173, 176

■ 119, 146, 150

■ 94, 120, 124

■ 70, 96, 99

■ 46, 72, 75

■ 24, 49, 53

■ 2, 28, 31

■ 0, 0, 7

 199, 228, 232

 199, 228, 232

 176, 225, 232

 222, 231, 232

 153, 222, 232

 245, 234, 232

 129, 220, 232

 255, 236, 232

 106, 217, 232

 255, 239, 232

 83, 214, 232

 255, 242, 232

 60, 211, 232

 255, 245, 232

 37, 208, 232

 255, 248, 232

 13, 206, 232

 255, 250, 232

 0, 204, 232

 255, 253, 232

Harmonies

Analogous

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



201, 228, 222



199, 228, 232



203, 226, 239

Triad

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



199, 228, 232



236, 217, 232



231, 222, 203

Complementary

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



199, 228, 232



232, 203, 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.



239, 219, 206



199, 228, 232



242, 216, 223

Square

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



199, 228, 232



225, 220, 239



244, 217, 213



220, 225, 206

Rectangle

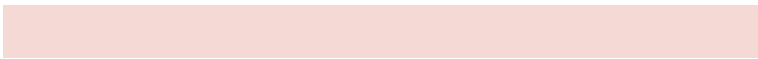
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



199, 228, 232



209, 224, 241



244, 217, 213



234, 221, 204

Sweetspot

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



199, 228, 232



245, 254, 255



199, 232, 203



121, 127, 128



0, 0, 0



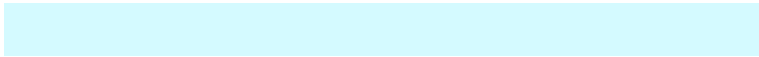
128, 128, 128

Same Dimension

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



199, 228, 232



212, 250, 255



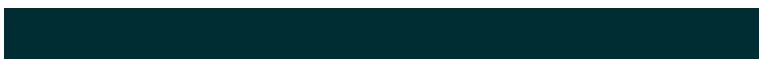
199, 212, 232



103, 113, 115



0, 157, 179



0, 45, 51

Inverse Universe

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



232, 199, 228



255, 212, 250



232, 219, 199



115, 103, 113



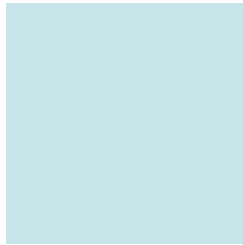
179, 0, 157



51, 0, 45

Previews

White Background



This preview shows how the RGB color 199, 228, 232 looks on a white background.

Color Contrast Check

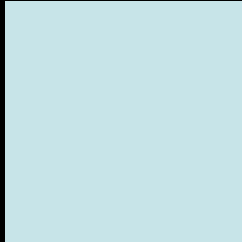
Large Text (above 18pt) WCAG AA × Fail

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, 228, 232 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

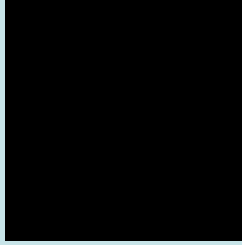
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

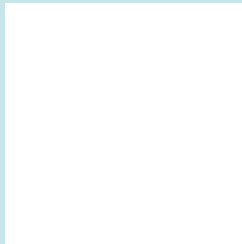
Any Text WCAG AAA ✓ Pass

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

RGB 199, 228, 232 Background



This preview shows how black text looks on a background with the RGB color 199, 228, 232.



This preview shows how white text looks on a background with the RGB color 199, 228, 232.

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](#).

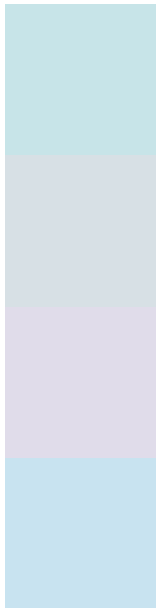
Dichromacy





Tritanopia
201, 226, 244

Trichromacy



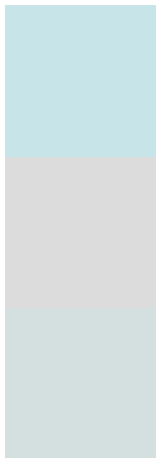
Original Color
199, 228, 232

Protanomaly
215, 224, 229

Deuteranomaly
224, 220, 234

Tritanomaly
200, 227, 240

Monochromacy



Original Color
199, 228, 232

Achromatopsia
220, 220, 220

Achromatomaly
212, 223, 224

CSS Examples

Text

The CSS property to change the color of the text to RGB 199, 228, 232 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, 228, 232)` looks like.

```
.text, #text, p{  
    color:rgb(199, 228, 232)  
}
```

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, 228, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 228, 232) }
```

Border

The CSS property to change the border of an element to RGB 199, 228, 232 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, 228, 232) }
```

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

```
.border{ border-color:rgb(199, 228, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 228, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 228, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 228, 232);  
box-shadow:4px 4px 4px 4px rgb(199, 228,  
232) }
```

Background

The CSS property to change the background color of an element to RGB 199, 228, 232 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 228, 232) }
```

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

```
.background{ background-color: rgb(199,  
228, 232) }
```

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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