

Converting Colors

RGB(195, 224, 228)

Have a look what the booklet for
RGB(195, 224, 228) contains.

RGB(195, 224, 228)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(195, 224, 228)

Conversions

Conversions Part 1

Format	Color
Hex	C3E0E4
RGB	195, 224, 228
RGB Percent	76%, 88%, 89%
CMY	0.2353, 0.1216, 0.1059
CMYK	0.14, 0.02, 0.00, 0.11
HSL	187°, 38%, 83%
HSV	187°, 14%, 89%
XYZ	63.1649, 70.5148, 83.6804
YIQ	215.7850, -18.5680, -4.9040

Conversions

Conversions Part 2

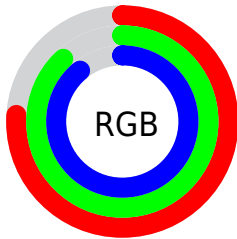
Format	Color
RYB	195, 210, 228
Decimal	12837092
CIELab	87.25, -8.71, -5.18
CIELCh	87, 10.132, 210.758
Yxy	70.5148, 0.2906, 0.3244
Android (android.graphics.Color)	4291027172 (0xFFC3E0E4)
YUV	215.7850, 6.0220, -18.2284
Hunter-Lab	83.9731, -12.6845, -0.3021

Details

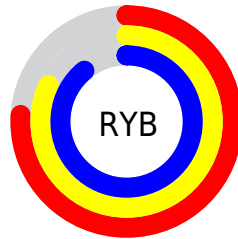
The RGB color **195, 224, 228** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **228, 199, 195**, and the grayscale version is **216, 216, 216**.

A 20% lighter version of the original color is 252, 255, 255, and **141, 169, 173** is the 20% darker color. If you saturate the color by 10%, you get **172, 221, 228**, and if you desaturate by 10%, it is **218, 227, 228**.

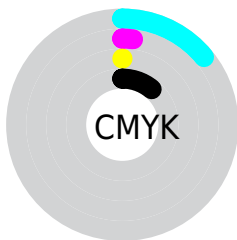
Distribution



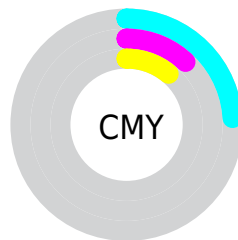
- Red (76%)
- Green (88%)
- Blue (89%)



- Red (76%)
- Yellow (82%)
- Blue (89%)



- Cyan (14%)
- Magenta (2%)
- Yellow (0%)
- Black (11%)



- Cyan (24%)
- Magenta (12%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the RGB color 195, 224, 228 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 195, 224, 228 by changing the saturation by 10% instead.

■ 195, 224, 228

255, 255, 255

■ 252, 255, 255

■ 195, 224, 228

■ 168, 196, 200

■ 141, 169, 173

■ 115, 142, 146

■ 90, 117, 120

■ 66, 92, 96

■ 43, 69, 72

■ 21, 46, 50

■ 0, 26, 29

■ 0, 0, 1

 195, 224, 228

 195, 224, 228

 172, 221, 228

 218, 227, 228

 149, 218, 228

 241, 230, 228

 127, 216, 228

 255, 232, 228

 104, 213, 228

 255, 235, 228

 81, 210, 228

 255, 238, 228

 58, 207, 228

 255, 241, 228

 35, 205, 228

 255, 243, 228

 13, 202, 228

 255, 246, 228

 0, 200, 228

 255, 249, 228

Harmonies

Analogous

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



197, 224, 218



195, 224, 228



199, 222, 235

Triad

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



195, 224, 228



232, 213, 228



227, 218, 199

Complementary

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



195, 224, 228



228, 199, 195

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, 215, 202



195, 224, 228



238, 212, 219

Square

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



195, 224, 228



221, 216, 235



240, 213, 209



216, 221, 202

Rectangle

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



195, 224, 228



205, 220, 237



240, 213, 209



230, 217, 200

Sweetspot

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



195, 224, 228



245, 254, 255



195, 228, 199



121, 127, 128



0, 0, 0



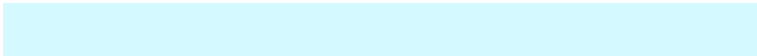
128, 128, 128

Same Dimension

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



195, 224, 228



212, 250, 255



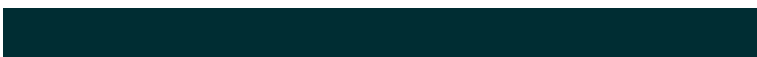
195, 208, 228



103, 113, 115



0, 157, 179



0, 45, 51

Inverse Universe

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



228, 195, 224



255, 212, 250



228, 215, 195



115, 103, 113



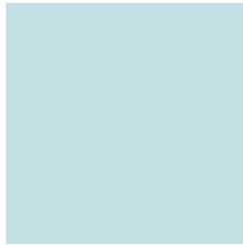
179, 0, 157



51, 0, 45

Previews

White Background



This preview shows how the RGB color 195, 224, 228 looks on a white background.

Color Contrast Check

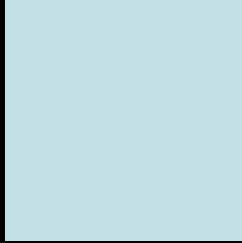
Large Text (above 18pt) WCAG AA × Fail

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 195, 224, 228 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

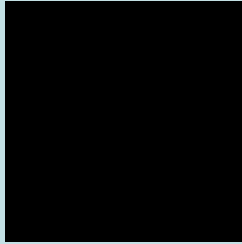
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

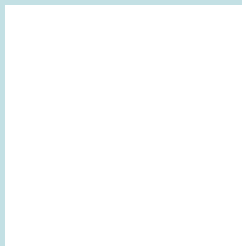
Any Text WCAG AAA ✓ Pass

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

RGB 195, 224, 228 Background



This preview shows how black text looks on a background with the RGB color 195, 224, 228.



This preview shows how white text looks on a background with the RGB color 195, 224, 228.

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](#).

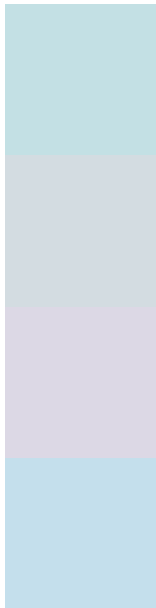
Dichromacy





Tritanopia
197, 222, 240

Trichromacy



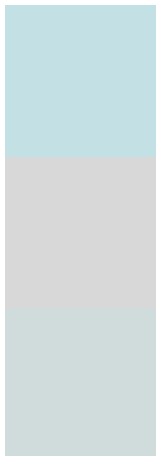
Original Color
195, 224, 228

Protanomaly
211, 220, 225

Deuteranomaly
220, 216, 229

Tritanomaly
196, 223, 236

Monochromacy



Original Color
195, 224, 228

Achromatopsia
216, 216, 216

Achromatomaly
208, 219, 220

CSS Examples

Text

The CSS property to change the color of the text to RGB 195, 224, 228 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(195, 224, 228)` looks like.

```
.text, #text, p{  
    color:rgb(195, 224, 228)  
}
```

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(195, 224, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 224, 228) }
```

Border

The CSS property to change the border of an element to RGB 195, 224, 228 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(195, 224, 228) }
```

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

```
.border{ border-color:rgb(195, 224, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 224, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 224, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 224, 228);  
box-shadow:4px 4px 4px 4px rgb(195, 224,  
228) }
```

Background

The CSS property to change the background color of an element to RGB 195, 224, 228 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 224, 228) }
```

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

```
.background{ background-color: rgb(195,  
224, 228) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor