

Converting Colors

RGB(203, 225, 218)

Have a look what the booklet for
RGB(203, 225, 218) contains.

RGB(203, 225, 218)	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(203, 225, 218)

Conversions

Conversions Part 1

Format	Color
Hex	CBE1DA
RGB	203, 225, 218
RGB Percent	80%, 88%, 85%
CMY	0.2039, 0.1176, 0.1451
CMYK	0.10, 0.00, 0.03, 0.12
HSL	161°, 27%, 84%
HSV	161°, 10%, 88%
XYZ	64.2087, 71.6089, 76.7674
YIQ	217.6240, -10.8650, -6.8410

Conversions

Conversions Part 2

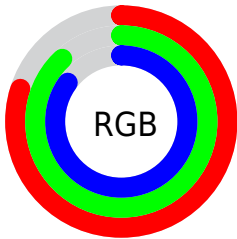
Format	Color
RYB	203, 216, 225
Decimal	13361626
CIELab	87.78, -8.61, 0.92
CIElCh	88, 8.656, 173.868
Yxy	71.6089, 0.3020, 0.3368
Android (android.graphics.Color)	4291551706 (0xFFCBE1DA)
YUV	217.6240, 0.1854, -12.8252
Hunter-Lab	84.6220, -12.6480, 5.4487

Details

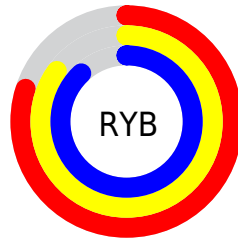
The RGB color **203, 225, 218** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **225, 203, 210**, and the grayscale version is **218, 218, 218**.

A 20% lighter version of the original color is **255, 255, 255**, and **149, 170, 163** is the 20% darker color. If you saturate the color by 10%, you get **180, 225, 211**, and if you desaturate by 10%, it is **225, 225, 225**.

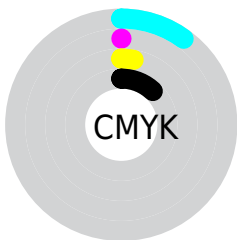
Distribution



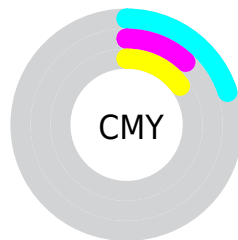
- Red (80%)
- Green (88%)
- Blue (85%)



- Red (80%)
- Yellow (85%)
- Blue (88%)



- Cyan (10%)
- Magenta (0%)
- Yellow (3%)
- Black (12%)



- Cyan (20%)
- Magenta (12%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the RGB color 203, 225, 218 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 203, 225, 218 by changing the saturation by 10% instead.

■ 203, 225, 218

255, 255, 255

■ 203, 225, 218

■ 176, 197, 190

■ 149, 170, 163

■ 123, 143, 137

■ 98, 118, 112

■ 74, 93, 87

■ 51, 69, 64

■ 29, 47, 42

■ 7, 26, 22

■ 0, 0, 0

 203, 225, 218

 203, 225, 218

 180, 225, 211

 225, 225, 225

 158, 225, 204

 248, 225, 232

 136, 225, 197

 255, 225, 239

 113, 225, 189

 255, 225, 247

 91, 225, 182

 255, 225, 254

 68, 225, 175

 255, 225, 255

 45, 225, 168

 23, 225, 161

 0, 225, 154

Harmonies

Analogous

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



210, 224, 210



203, 225, 218



200, 225, 226

Triad

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



203, 225, 218



220, 219, 235



236, 216, 207

Complementary

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



203, 225, 218



225, 203, 210

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.



238, 215, 214



203, 225, 218



229, 216, 230

Square

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



203, 225, 218



210, 221, 236



236, 215, 222



229, 219, 204

Rectangle

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



203, 225, 218



201, 224, 231



236, 215, 222



237, 216, 209

Sweetspot

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



203, 225, 218



247, 255, 253



210, 225, 203



122, 128, 126



0, 0, 0



128, 128, 128

Same Dimension

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



203, 225, 218



224, 255, 245



203, 221, 225



101, 112, 109



0, 176, 120



0, 48, 33

Inverse Universe

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



225, 203, 210



255, 224, 234



225, 207, 203



112, 101, 105



176, 0, 56



48, 0, 15

Previews

White Background



This preview shows how the RGB color 203, 225, 218 looks on a white background.

Color Contrast Check

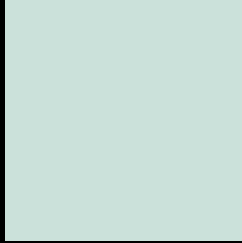
Large Text (above 18pt) WCAG AA × Fail

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 203, 225, 218 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

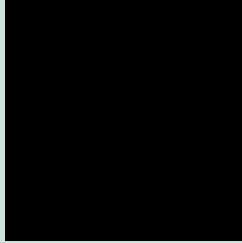
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

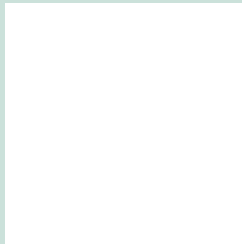
Any Text WCAG AAA ✓ Pass

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

RGB 203, 225, 218 Background



This preview shows how black text looks on a background with the RGB color 203, 225, 218.



This preview shows how white text looks on a background with the RGB color 203, 225, 218.

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
207, 222, 239

Trichromacy



Original Color

203, 225, 218

Protanomaly

217, 221, 215

Deuteranomaly

227, 217, 219

Tritanomaly

206, 223, 231

Monochromacy



Original Color

203, 225, 218

Achromatopsia

218, 218, 218

Achromatomaly

213, 221, 218

CSS Examples

Text

The CSS property to change the color of the text to RGB 203, 225, 218 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(203, 225, 218)` looks like.

```
.text, #text, p{  
    color:rgb(203, 225, 218)  
}
```

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(203, 225, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 225, 218) }
```

Border

The CSS property to change the border of an element to RGB 203, 225, 218 is called "border". The border property can be set on classes, ids or directly on the HTML element.

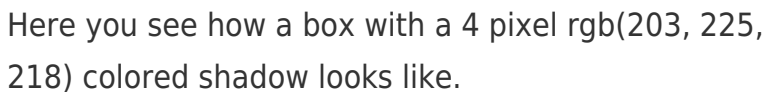
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(203, 225, 218) }
```

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

```
.border{ border-color:rgb(203, 225, 218) }
```

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



Here you see how a box with a 4 pixel `rgb(203, 225, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(203, 225, 218); -webkit-box-shadow:4px 4px 4px 4px rgb(203, 225, 218); box-shadow:4px 4px 4px 4px rgb(203, 225, 218) }
```

Background

The CSS property to change the background color of an element to RGB 203, 225, 218 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 225, 218) }
```

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

```
.background{ background-color: rgb(203,  
225, 218) }
```

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