

Converting Colors

RGB(203, 252, 238)

Have a look what the booklet for
RGB(203, 252, 238) contains.

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Color

RGB(203, 252, 238)

Conversions

Conversions Part 1

Format	Color
Hex	CBFCEE
RGB	203, 252, 238
RGB Percent	80%, 99%, 93%
CMY	0.2039, 0.0118, 0.0667
CMYK	0.19, 0.00, 0.06, 0.01
HSL	163°, 89%, 89%
HSV	163°, 19%, 99%
XYZ	74.8716, 88.4904, 94.0231
YIQ	235.7530, -24.7100, -14.7420

Conversions

Conversions Part 2

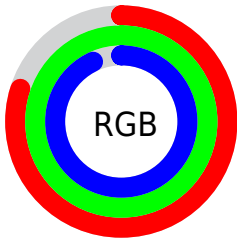
Format	Color
R _Y B	203, 232, 252
Decimal	13368558
CIE Lab	95.37, -18.26, 1.56
CIE LCh	95, 18.323, 175.119
Yxy	88.4904, 0.2909, 0.3438
Android (android.graphics.Color)	4291558638 (0xFFC ^B FCEE)
YUV	235.7530, 1.1078, -28.7244
Hunter-Lab	94.0693, -22.5496, 6.5876

Details

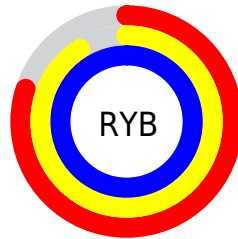
The RGB color **203, 252, 238** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **252, 203, 217**, and the grayscale version is **236, 236, 236**.

A 20% lighter version of the original color is **255, 255, 255**, and **148, 195, 182** is the 20% darker color. If you saturate the color by 10%, you get **178, 252, 231**, and if you desaturate by 10%, it is **228, 252, 245**.

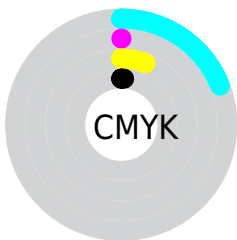
Distribution



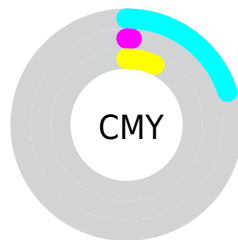
- Red (80%)
- Green (99%)
- Blue (93%)



- Red (80%)
- Yellow (91%)
- Blue (99%)



- Cyan (19%)
- Magenta (0%)
- Yellow (6%)
- Black (1%)



- Cyan (20%)
- Magenta (1%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the RGB color 203, 252, 238 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, 252, 238 by changing the saturation by 10% instead.

203, 252, 238

255, 255, 255

203, 252, 238

175, 223, 210

148, 195, 182

122, 168, 155

96, 142, 129

71, 116, 104

47, 91, 80

22, 67, 57

0, 45, 36

0, 26, 14

 203, 252, 238

 203, 252, 238

 178, 252, 231

 228, 252, 245

 153, 252, 224

 253, 252, 252

 127, 252, 216

 255, 252, 255

 102, 252, 209

 77, 252, 202

 52, 252, 195

 27, 252, 188

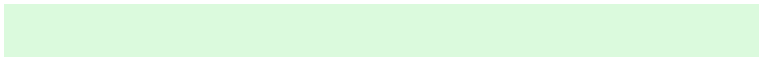
 1, 252, 180

 0, 252, 180

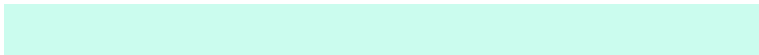
Harmonies

Analogous

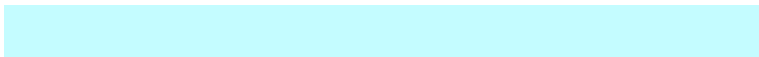
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



219, 250, 221



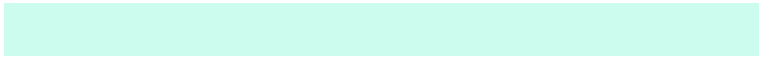
203, 252, 238



196, 252, 255

Triad

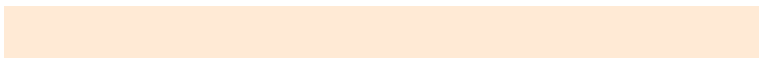
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



203, 252, 238



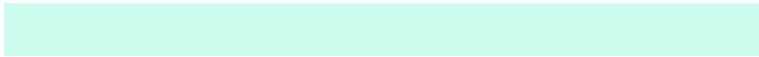
242, 238, 255



255, 234, 213

Complementary

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



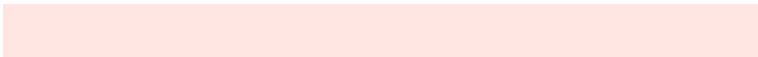
203, 252, 238



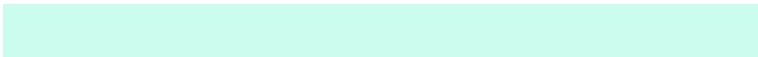
252, 203, 217

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.



255, 230, 227



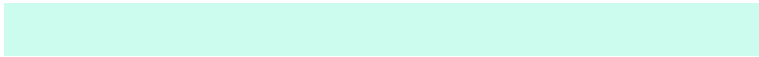
203, 252, 238



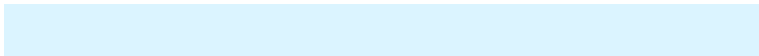
255, 233, 255

Square

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



203, 252, 238



219, 244, 255



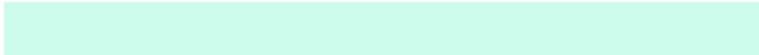
255, 230, 245



255, 239, 207

Rectangle

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



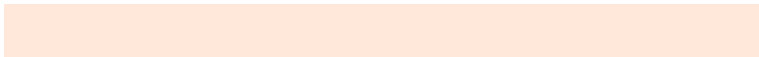
203, 252, 238



198, 250, 255



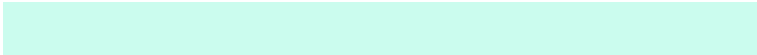
255, 230, 245



255, 232, 217

Sweetspot

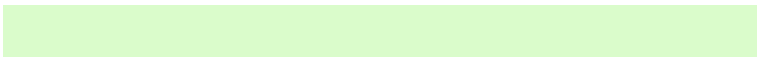
The Sweet Spot groups the original color and five complimentary colors.



203, 252, 238



240, 255, 251



218, 252, 203



119, 128, 125



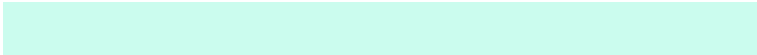
0, 0, 0



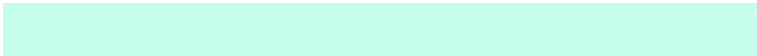
128, 128, 128

Same Dimension

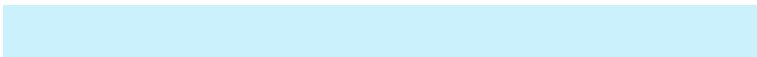
The Same Dimension uses a secret algorithm to generate beautiful new colors.



203, 252, 238



196, 255, 238



203, 242, 252



112, 125, 121



0, 189, 135



0, 61, 44

Inverse Universe

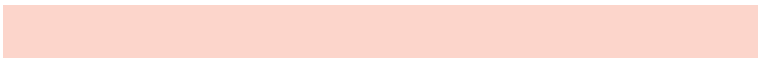
The Inverse Universe completely reimagines the original color for something new.



252, 203, 217



255, 196, 213



252, 213, 203



125, 112, 116



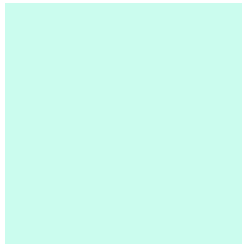
189, 0, 54



61, 0, 17

Previews

White Background



This preview shows how the RGB color 203, 252, 238 looks on a white background.

Color Contrast Check

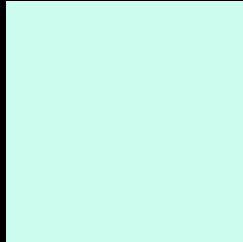
Large Text (above 18pt) WCAG AA × Fail

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, 252, 238 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

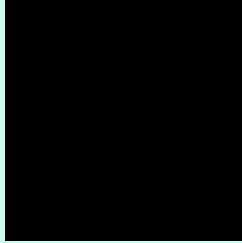
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

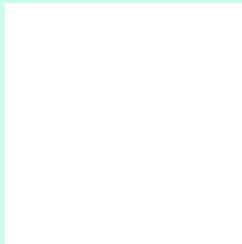
Any Text WCAG AAA ✓ Pass

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

RGB 203, 252, 238 Background



This preview shows how black text looks on a background with the RGB color 203, 252, 238.

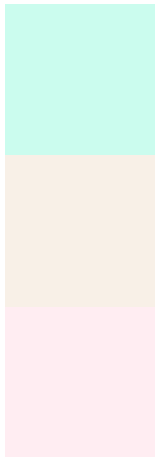


This preview shows how white text looks on a background with the RGB color 203, 252, 238.

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
203, 252, 238

Protanopia
248, 240, 231

Deuteranopia
255, 237, 242



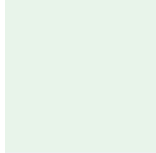
Tritanopia
225, 244, 255

Trichromacy



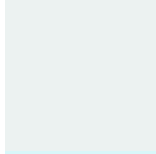
Original Color

203, 252, 238



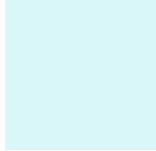
Protanomaly

232, 244, 234



Deuteranomaly

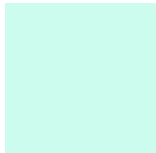
236, 242, 241



Tritanomaly

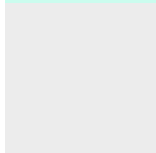
217, 247, 249

Monochromacy



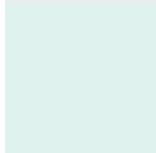
Original Color

203, 252, 238



Achromatopsia

236, 236, 236



Achromatomaly

224, 242, 237

CSS Examples

Text

The CSS property to change the color of the text to RGB 203, 252, 238 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, 252, 238)` looks like.

```
.text, #text, p{  
    color:rgb(203, 252, 238)  
}
```

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, 252, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 252, 238) }
```

Border

The CSS property to change the border of an element to RGB 203, 252, 238 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, 252, 238) }
```

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

```
.border{ border-color:rgb(203, 252, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 252, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 252, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 252, 238);  
box-shadow:4px 4px 4px 4px rgb(203, 252,  
238) }
```

Background

The CSS property to change the background color of an element to RGB 203, 252, 238 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 252, 238) }
```

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

```
.background{ background-color: rgb(203,  
252, 238) }
```

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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