

Converting Colors

RGB(203, 242, 238)

Have a look what the booklet for
RGB(203, 242, 238) contains.

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Color

RGB(203, 242, 238)

Conversions

Conversions Part 1

Format	Color
Hex	CBF2EE
RGB	203, 242, 238
RGB Percent	80%, 95%, 93%
CMY	0.2039, 0.0510, 0.0667
CMYK	0.16, 0.00, 0.02, 0.05
HSL	174°, 60%, 87%
HSV	174°, 16%, 95%
XYZ	71.8133, 82.3738, 93.0037
YIQ	229.8830, -21.9600, -9.5120

Conversions

Conversions Part 2

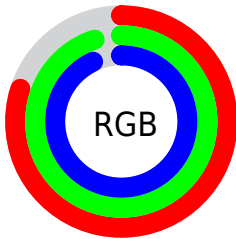
Format	Color
R _{YB}	203, 224, 242
Decimal	13365998
CIE Lab	92.74, -13.31, -2.28
CIE LCh	93, 13.500, 189.724
Yxy	82.3738, 0.2905, 0.3332
Android (android.graphics.Color)	4291556078 (0xFFCBF2EE)
YUV	229.8830, 4.0017, -23.5764
Hunter-Lab	90.7600, -17.5929, 2.7763

Details

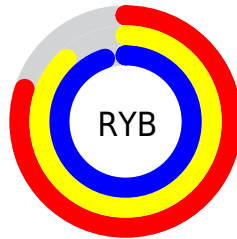
The RGB color **203, 242, 238** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **242, 203, 207**, and the grayscale version is **230, 230, 230**.

A 20% lighter version of the original color is **255, 255, 255**, and **148, 186, 182** is the 20% darker color. If you saturate the color by 10%, you get **179, 242, 236**, and if you desaturate by 10%, it is **227, 242, 240**.

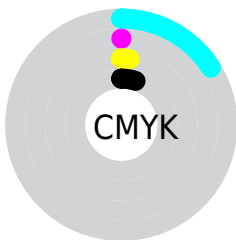
Distribution



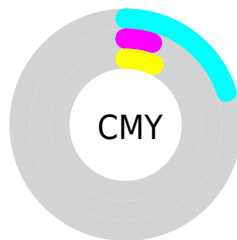
- Red (80%)
- Green (95%)
- Blue (93%)



- Red (80%)
- Yellow (88%)
- Blue (95%)



- Cyan (16%)
- Magenta (0%)
- Yellow (2%)
- Black (5%)



- Cyan (20%)
- Magenta (5%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the RGB color 203, 242, 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, 242, 238 by changing the saturation by 10% instead.

■ 203, 242, 238

255, 255, 255

■ 203, 242, 238

■ 175, 214, 210

■ 148, 186, 182

■ 122, 159, 155

■ 97, 133, 129

■ 72, 107, 104

■ 48, 83, 80

■ 25, 60, 57

■ 2, 38, 36

■ 0, 18, 14


 203, 242, 238

 203, 242, 238

 179, 242, 236

 227, 242, 240

 155, 242, 233

 251, 242, 243

 130, 242, 231

 255, 242, 245

 106, 242, 228

 255, 242, 248

 82, 242, 226

 255, 242, 250

 58, 242, 223

 255, 242, 253

 34, 242, 221

 255, 242, 255

 9, 242, 218

 0, 242, 217

Harmonies

Analogous

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



212, 241, 225



203, 242, 238



203, 241, 250

Triad

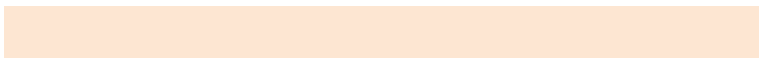
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



203, 242, 238



242, 230, 254



253, 230, 210

Complementary

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



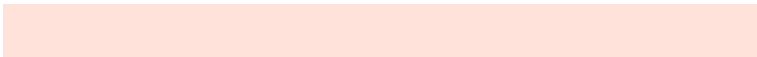
203, 242, 238



242, 203, 207

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, 227, 218



203, 242, 238



255, 226, 243

Square

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



203, 242, 238



226, 234, 255



255, 225, 230



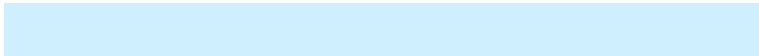
241, 235, 209

Rectangle

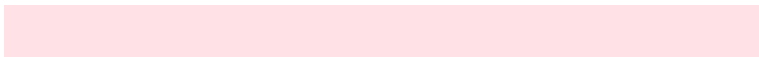
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



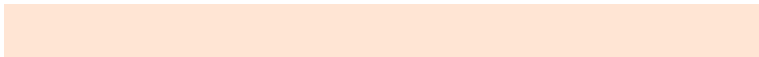
203, 242, 238



207, 239, 255



255, 225, 230



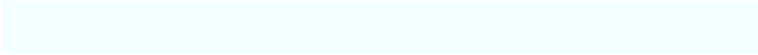
255, 229, 212

Sweetspot

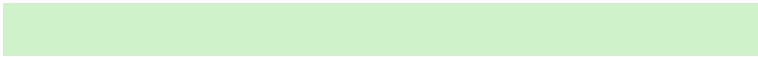
The Sweet Spot groups the original color and five complimentary colors.



203, 242, 238



242, 255, 254



208, 242, 203



120, 128, 127



0, 0, 0



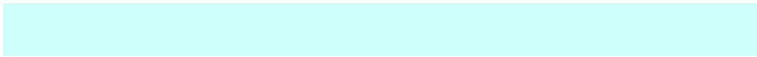
128, 128, 128

Same Dimension

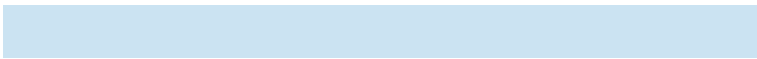
The Same Dimension uses a secret algorithm to generate beautiful new colors.



203, 242, 238



207, 255, 250



203, 227, 242



108, 120, 119



0, 184, 165



0, 56, 50

Inverse Universe

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



242, 203, 207



255, 207, 212



242, 218, 203



120, 108, 109



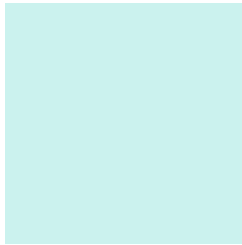
184, 0, 19



56, 0, 6

Previews

White Background



This preview shows how the RGB color 203, 242, 238 looks on a white background.

Color Contrast Check

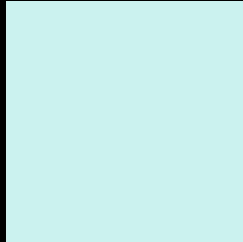
Large Text (above 18pt) WCAG AA × Fail

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, 242, 238 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

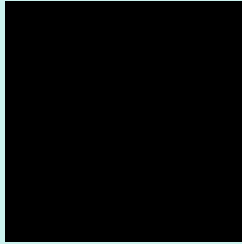
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

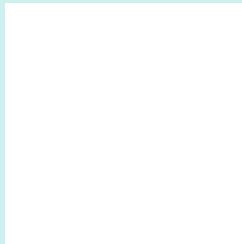
Any Text WCAG AAA ✓ Pass

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

RGB 203, 242, 238 Background



This preview shows how black text looks on a background with the RGB color 203, 242, 238.



This preview shows how white text looks on a background with the RGB color 203, 242, 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





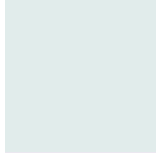
Tritanopia
210, 238, 255

Trichromacy



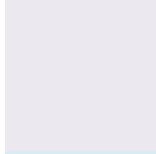
Original Color

203, 242, 238



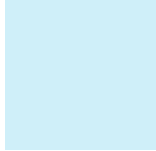
Protanomaly

225, 236, 235



Deuteranomaly

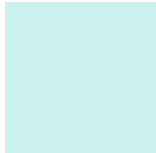
235, 232, 240



Tritanomaly

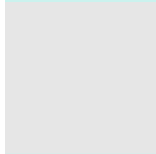
207, 239, 249

Monochromacy



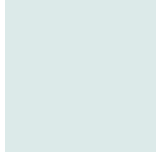
Original Color

203, 242, 238



Achromatopsia

230, 230, 230



Achromatomaly

220, 234, 233

CSS Examples

Text

The CSS property to change the color of the text to RGB 203, 242, 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, 242, 238)` looks like.

```
.text, #text, p{  
    color:rgb(203, 242, 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, 242, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 242, 238) }
```

Border

The CSS property to change the border of an element to RGB 203, 242, 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, 242, 238) }
```

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

```
.border{ border-color:rgb(203, 242, 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, 242, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(203, 242, 238); -webkit-box-shadow:4px 4px 4px 4px rgb(203, 242, 238); box-shadow:4px 4px 4px 4px rgb(203, 242, 238) }
```

Background

The CSS property to change the background color of an element to RGB 203, 242, 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, 242, 238) }
```

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

```
.background{ background-color: rgb(203,  
242, 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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