

Converting Colors

RGB(203, 247, 233)

Have a look what the booklet for
RGB(203, 247, 233) contains.

RGB(203, 247, 233)	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, 247, 233)

Conversions

Conversions Part 1

Format	Color
Hex	CBF7E9
RGB	203, 247, 233
RGB Percent	80%, 97%, 91%
CMY	0.2039, 0.0314, 0.0863
CMYK	0.18, 0.00, 0.06, 0.03
HSL	161°, 73%, 88%
HSV	161°, 18%, 97%
XYZ	72.5973, 85.1012, 89.6907
YIQ	232.2480, -21.7300, -13.6820

Conversions

Conversions Part 2

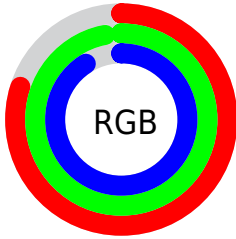
Format	Color
R _Y B	203, 229, 247
Decimal	13367273
CIE Lab	93.93, -16.77, 2.05
CIE LCh	94, 16.896, 173.041
Yxy	85.1012, 0.2935, 0.3440
Android (android.graphics.Color)	4291557353 (0xFFC ^B F7E9)
YUV	232.2480, 0.3707, -25.6505
Hunter-Lab	92.2503, -20.9657, 6.9303

Details

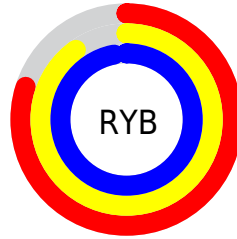
The RGB color **203, 247, 233** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **247, 203, 217**, and the grayscale version is **232, 232, 232**.

A 20% lighter version of the original color is **255, 255, 255**, and **148, 191, 177** is the 20% darker color. If you saturate the color by 10%, you get **178, 247, 225**, and if you desaturate by 10%, it is **228, 247, 241**.

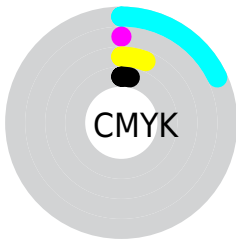
Distribution



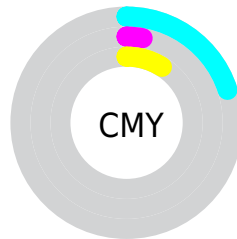
- Red (80%)
- Green (97%)
- Blue (91%)



- Red (80%)
- Yellow (90%)
- Blue (97%)



- Cyan (18%)
- Magenta (0%)
- Yellow (6%)
- Black (3%)



- Cyan (20%)
- Magenta (3%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the RGB color 203, 247, 233 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, 247, 233 by changing the saturation by 10% instead.

203, 247, 233

255, 255, 255

203, 247, 233

175, 218, 205

148, 191, 177

122, 163, 151

97, 137, 125

72, 112, 100

48, 87, 76

25, 64, 53

1, 41, 32

0, 22, 9

 203, 247, 233

 203, 247, 233

 178, 247, 225

 228, 247, 241

 154, 247, 217

 252, 247, 249

 129, 247, 209

 255, 247, 255

 104, 247, 202

 79, 247, 194

 55, 247, 186

 30, 247, 178

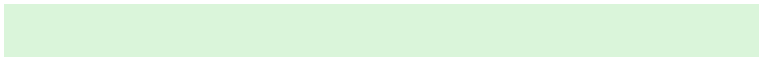
 5, 247, 170

 0, 247, 168

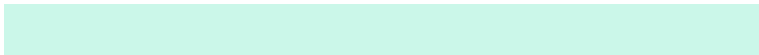
Harmonies

Analogous

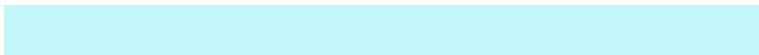
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



218, 245, 218



203, 247, 233



196, 247, 250

Triad

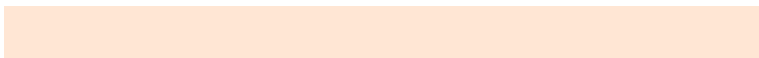
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



203, 247, 233



236, 235, 255



255, 230, 212

Complementary

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



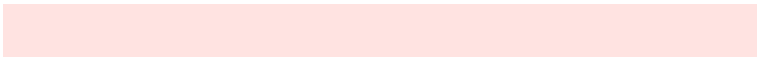
203, 247, 233



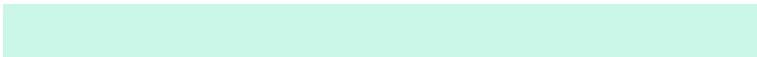
247, 203, 217

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, 227, 225



203, 247, 233



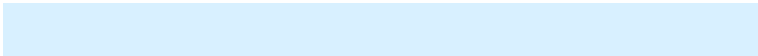
255, 230, 255

Square

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



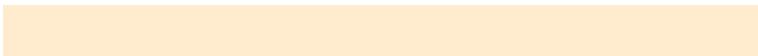
203, 247, 233



216, 240, 255



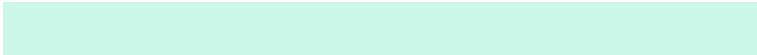
255, 227, 242



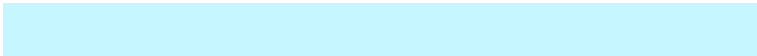
255, 235, 205

Rectangle

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



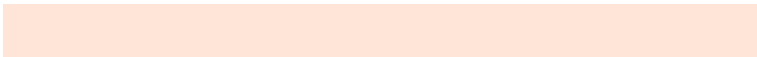
203, 247, 233



198, 246, 255



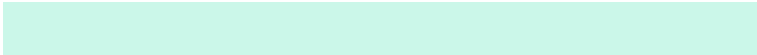
255, 227, 242



255, 229, 216

Sweetspot

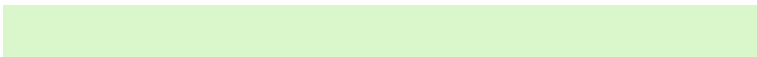
The Sweet Spot groups the original color and five complimentary colors.



203, 247, 233



242, 255, 251



218, 247, 203



120, 128, 125



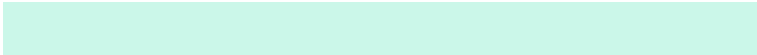
0, 0, 0



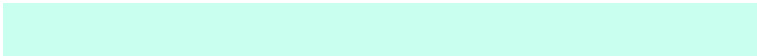
128, 128, 128

Same Dimension

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



203, 247, 233



201, 255, 238



203, 240, 247



110, 122, 119



0, 186, 127



0, 59, 40

Inverse Universe

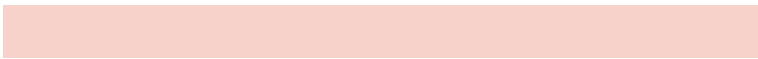
The Inverse Universe completely reimagines the original color for something new.



247, 203, 217



255, 201, 218



247, 210, 203



122, 110, 114



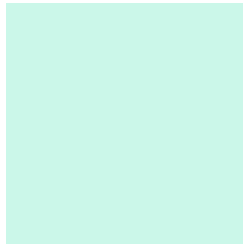
186, 0, 59



59, 0, 19

Previews

White Background



This preview shows how the RGB color 203, 247, 233 looks on a white background.

Color Contrast Check

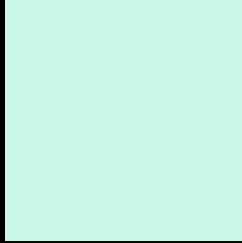
Large Text (above 18pt) WCAG AA × Fail

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, 247, 233 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

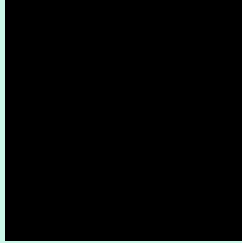
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

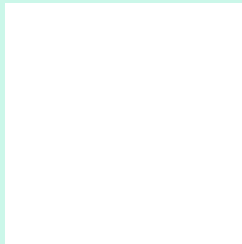
Any Text WCAG AAA ✓ Pass

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

RGB 203, 247, 233 Background



This preview shows how black text looks on a background with the RGB color 203, 247, 233.

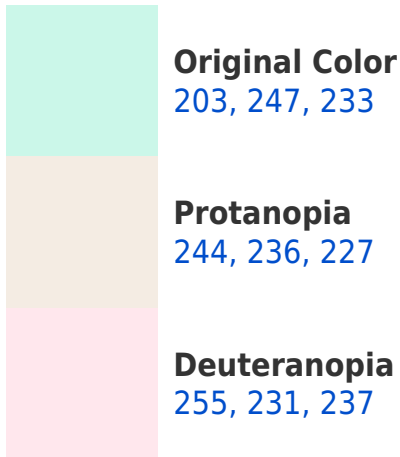


This preview shows how white text looks on a background with the RGB color 203, 247, 233.

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





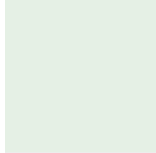
Tritanopia
217, 241, 255

Trichromacy



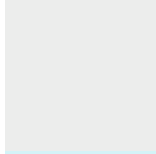
Original Color

203, 247, 233



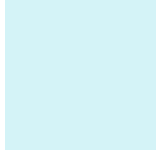
Protanomaly

229, 240, 229



Deuteranomaly

236, 237, 236



Tritanomaly

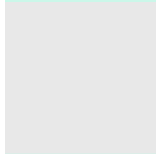
212, 243, 247

Monochromacy



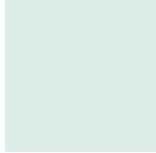
Original Color

203, 247, 233



Achromatopsia

232, 232, 232



Achromatomaly

221, 237, 232

CSS Examples

Text

The CSS property to change the color of the text to RGB 203, 247, 233 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, 247, 233)` looks like.

```
.text, #text, p{  
    color:rgb(203, 247, 233)  
}
```

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, 247, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 247, 233) }
```

Border

The CSS property to change the border of an element to RGB 203, 247, 233 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, 247, 233) }
```

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

```
.border{ border-color:rgb(203, 247, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 247, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 247, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 247, 233);  
box-shadow:4px 4px 4px 4px rgb(203, 247,  
233) }
```

Background

The CSS property to change the background color of an element to RGB 203, 247, 233 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 247, 233) }
```

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

```
.background{ background-color: rgb(203,  
247, 233) }
```

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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