

Converting Colors

RGB(203, 242, 231)

Have a look what the booklet for
RGB(203, 242, 231) contains.

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Color

RGB(203, 242, 231)

Conversions

Conversions Part 1

Format	Color
Hex	CBF2E7
RGB	203, 242, 231
RGB Percent	80%, 95%, 91%
CMY	0.2039, 0.0510, 0.0941
CMYK	0.16, 0.00, 0.05, 0.05
HSL	163°, 60%, 87%
HSV	163°, 16%, 95%
XYZ	70.8045, 81.9703, 87.6914
YIQ	229.0850, -19.7130, -11.6890

Conversions

Conversions Part 2

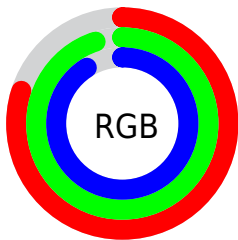
Format	Color
R _Y B	203, 226, 242
Decimal	13365991
CIE Lab	92.56, -14.68, 1.10
CIE LCh	93, 14.723, 175.726
Yxy	81.9703, 0.2944, 0.3409
Android (android.graphics.Color)	4291556071 (0xFFC _B F2E7)
YUV	229.0850, 0.9441, -22.8765
Hunter-Lab	90.5374, -18.8451, 5.9500

Details

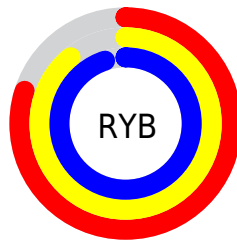
The RGB color **203, 242, 231** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **242, 203, 214**, and the grayscale version is **229, 229, 229**.

A 20% lighter version of the original color is 255, 255, 255, and **148, 186, 175** is the 20% darker color. If you saturate the color by 10%, you get **179, 242, 224**, and if you desaturate by 10%, it is **227, 242, 238**.

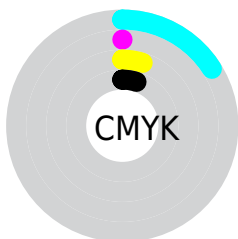
Distribution



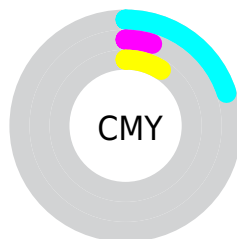
- Red (80%)
- Green (95%)
- Blue (91%)



- Red (80%)
- Yellow (89%)
- Blue (95%)



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



- Cyan (20%)
- Magenta (5%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the RGB color 203, 242, 231 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, 231 by changing the saturation by 10% instead.

■ 203, 242, 231

255, 255, 255

■ 203, 242, 231

■ 175, 214, 203

■ 148, 186, 175

■ 122, 159, 149

■ 97, 133, 123

■ 73, 107, 98

■ 49, 83, 74

■ 26, 60, 52

■ 3, 38, 31

■ 0, 17, 6


 203, 242, 231

 203, 242, 231

 179, 242, 224

 227, 242, 238

 155, 242, 217

 251, 242, 245

 130, 242, 211

 255, 242, 251

 106, 242, 204

 255, 242, 255

 82, 242, 197

 58, 242, 190

 34, 242, 183

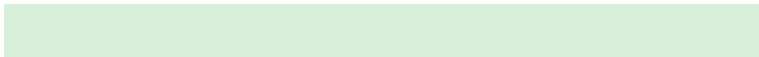
 9, 242, 176

 0, 242, 174

Harmonies

Analogous

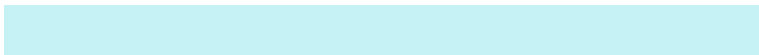
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



216, 240, 217



203, 242, 231



198, 242, 245

Triad

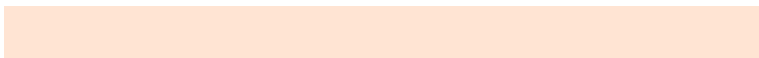
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



203, 242, 231



234, 231, 255



255, 228, 211

Complementary

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



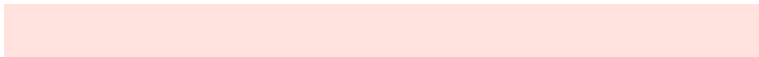
203, 242, 231



242, 203, 214

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, 225, 222



203, 242, 231



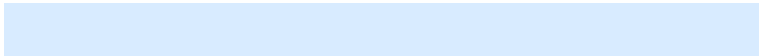
250, 227, 250

Square

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



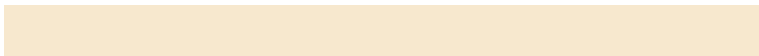
203, 242, 231



216, 235, 255



255, 224, 236



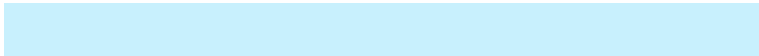
247, 232, 206

Rectangle

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



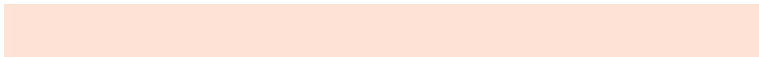
203, 242, 231



200, 240, 253



255, 224, 236



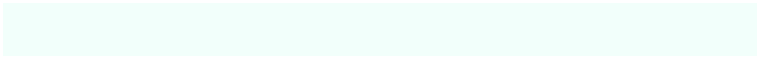
255, 226, 214

Sweetspot

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



203, 242, 231



242, 255, 251



214, 242, 203



120, 128, 125



0, 0, 0



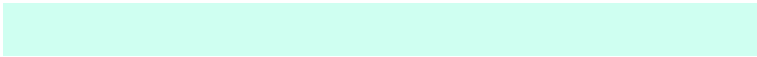
128, 128, 128

Same Dimension

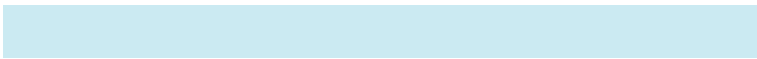
The Same Dimension uses a secret algorithm to generate beautiful new colors.



203, 242, 231



207, 255, 241



203, 234, 242



108, 120, 116



0, 184, 132



0, 56, 40

Inverse Universe

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



242, 203, 214



255, 207, 220



242, 211, 203



120, 108, 111



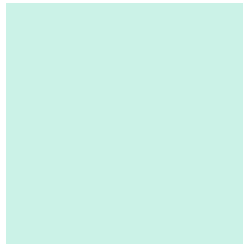
184, 0, 52



56, 0, 16

Previews

White Background



This preview shows how the RGB color 203, 242, 231 looks on a white background.

Color Contrast Check

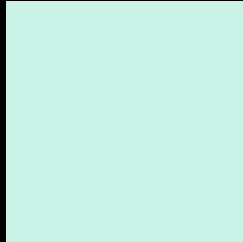
Large Text (above 18pt) WCAG AA × Fail

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, 231 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

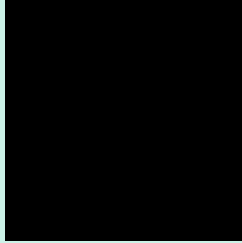
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

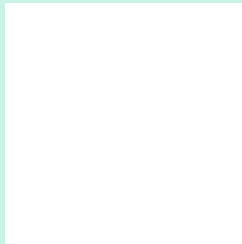
Any Text WCAG AAA ✓ Pass

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

RGB 203, 242, 231 Background



This preview shows how black text looks on a background with the RGB color 203, 242, 231.



This preview shows how white text looks on a background with the RGB color 203, 242, 231.

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





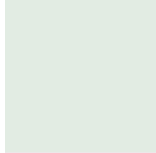
Tritanopia
210, 238, 255

Trichromacy



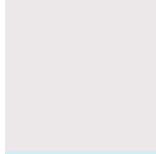
Original Color

203, 242, 231



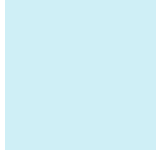
Protanomaly

226, 236, 227



Deuteranomaly

236, 232, 233



Tritanomaly

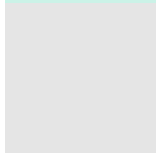
207, 239, 246

Monochromacy



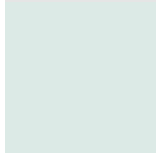
Original Color

203, 242, 231



Achromatopsia

229, 229, 229



Achromatomaly

220, 234, 230

CSS Examples

Text

The CSS property to change the color of the text to RGB 203, 242, 231 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, 231)` looks like.

```
.text, #text, p{  
    color:rgb(203, 242, 231)  
}
```

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, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 242, 231) }
```

Border

The CSS property to change the border of an element to RGB 203, 242, 231 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, 231) }
```

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

```
.border{ border-color:rgb(203, 242, 231) }
```

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, 231) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 242, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 242, 231);  
box-shadow:4px 4px 4px 4px rgb(203, 242,  
231) }
```

Background

The CSS property to change the background color of an element to RGB 203, 242, 231 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, 231) }
```

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

```
.background{ background-color: rgb(203,  
242, 231) }
```

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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