

Converting Colors

RGB(204, 247, 227)

Have a look what the booklet for
RGB(204, 247, 227) contains.

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Color

RGB(204, 247, 227)

Conversions

Conversions Part 1

Format	Color
Hex	CCF7E3
RGB	204, 247, 227
RGB Percent	80%, 97%, 89%
CMY	0.2000, 0.0314, 0.1098
CMYK	0.17, 0.00, 0.08, 0.03
HSL	152°, 73%, 88%
HSV	152°, 17%, 97%
XYZ	72.0277, 84.9049, 85.2651
YIQ	231.8630, -19.2080, -15.3360

Conversions

Conversions Part 2

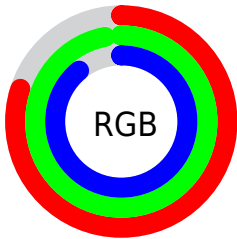
Format	Color
RYB	204, 232, 247
Decimal	13432803
CIELab	93.84, -17.61, 5.04
CIELCh	94, 18.312, 164.034
Yxy	84.9049, 0.2974, 0.3506
Android (android.graphics.Color)	4291622883 (0xFFCCCF7E3)
YUV	231.8630, -2.3975, -24.4359
Hunter-Lab	92.1439, -21.7206, 9.6369

Details

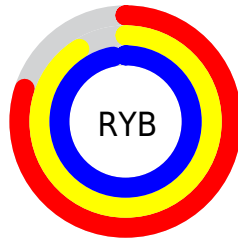
The RGB color **204, 247, 227** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **247, 204, 224**, and the grayscale version is **232, 232, 232**.

A 20% lighter version of the original color is 255, 255, 255, and **149, 191, 172** is the 20% darker color. If you saturate the color by 10%, you get **179, 247, 216**, and if you desaturate by 10%, it is **229, 247, 238**.

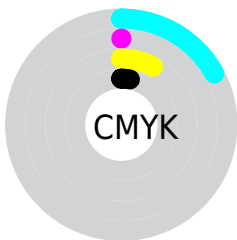
Distribution



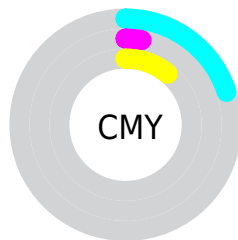
- Red (80%)
- Green (97%)
- Blue (89%)



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



- Cyan (17%)
- Magenta (0%)
- Yellow (8%)
- Black (3%)



- Cyan (20%)
- Magenta (3%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the RGB color 204, 247, 227 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 204, 247, 227 by changing the saturation by 10% instead.

■ 204, 247, 227

255, 255, 255

■ 204, 247, 227

■ 176, 218, 199

■ 149, 191, 172

■ 123, 163, 145

■ 98, 137, 119

■ 73, 112, 95

■ 49, 87, 71

■ 26, 64, 49

■ 3, 41, 28

■ 0, 22, 1

 204, 247, 227

 204, 247, 227

 179, 247, 216

 229, 247, 238

 155, 247, 204

 253, 247, 250

 130, 247, 193

 255, 247, 255

 105, 247, 181

 81, 247, 170

 56, 247, 158

 31, 247, 147

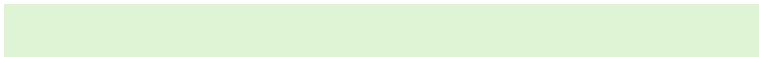
 6, 247, 135

 0, 247, 132

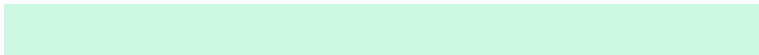
Harmonies

Analogous

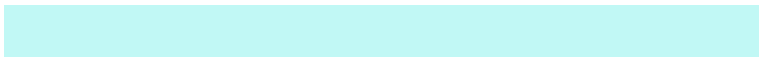
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



222, 244, 212



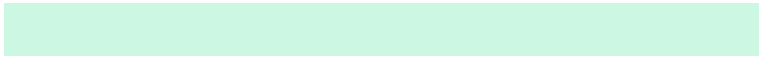
204, 247, 227



193, 248, 245

Triad

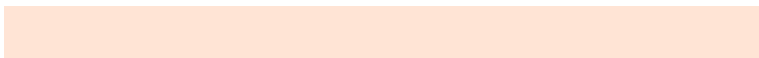
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



204, 247, 227



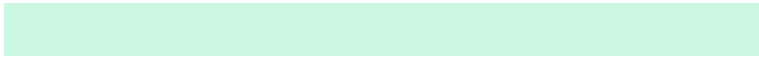
229, 236, 255



255, 228, 213

Complementary

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



204, 247, 227



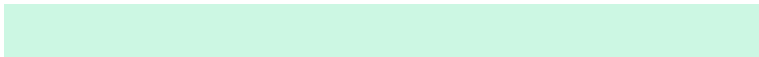
247, 204, 224

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, 229



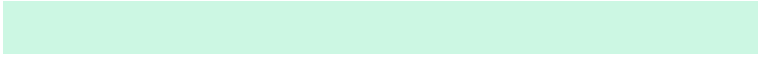
204, 247, 227



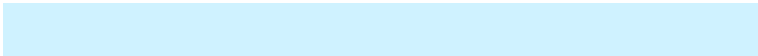
251, 230, 255

Square

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



204, 247, 227



207, 242, 255



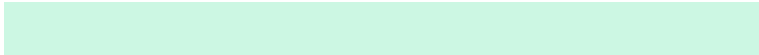
255, 226, 247



255, 233, 204

Rectangle

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



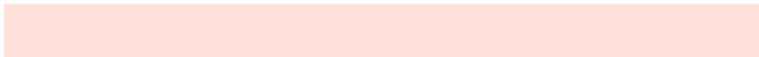
204, 247, 227



192, 247, 255



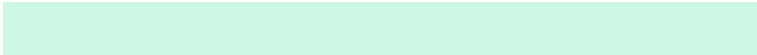
255, 226, 247



255, 227, 218

Sweetspot

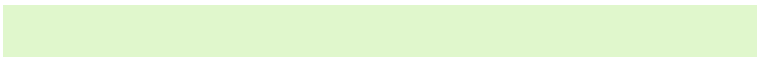
The Sweet Spot groups the original color and five complimentary colors.



204, 247, 227



242, 255, 249



224, 247, 204



120, 128, 124



0, 0, 0



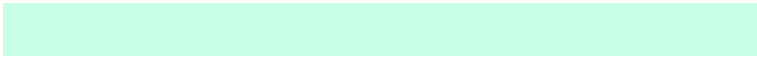
128, 128, 128

Same Dimension

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



204, 247, 227



201, 255, 230



204, 246, 247



110, 122, 117



0, 186, 100



0, 59, 31

Inverse Universe

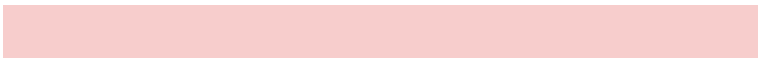
The Inverse Universe completely reimagines the original color for something new.



247, 204, 224



255, 201, 226



247, 205, 204



122, 110, 116



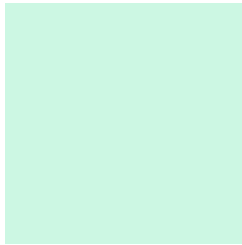
186, 0, 87



59, 0, 27

Previews

White Background



This preview shows how the RGB color 204, 247, 227 looks on a white background.

Color Contrast Check

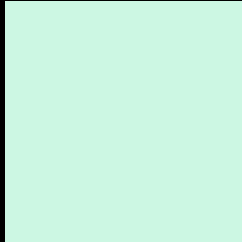
Large Text (above 18pt) WCAG AA × Fail

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 204, 247, 227 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

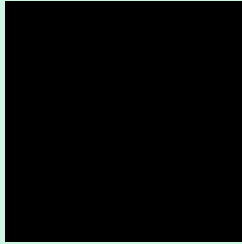
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

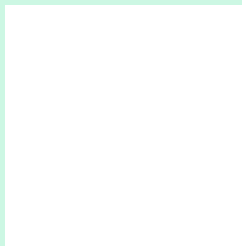
Any Text WCAG AAA ✓ Pass

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

RGB 204, 247, 227 Background



This preview shows how black text looks on a background with the RGB color 204, 247, 227.

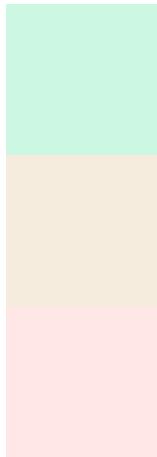


This preview shows how white text looks on a background with the RGB color 204, 247, 227.

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
204, 247, 227

Protanopia
245, 236, 221

Deuteranopia
255, 231, 232



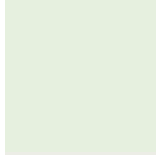
Tritanopia
218, 241, 255

Trichromacy



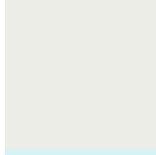
Original Color

204, 247, 227



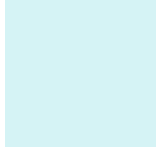
Protanomaly

230, 240, 223



Deuteranomaly

236, 237, 230



Tritanomaly

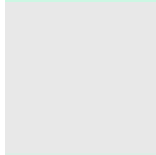
213, 243, 245

Monochromacy



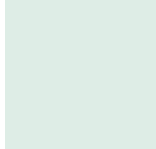
Original Color

204, 247, 227



Achromatopsia

232, 232, 232



Achromatomaly

222, 237, 230

CSS Examples

Text

The CSS property to change the color of the text to RGB 204, 247, 227 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(204, 247, 227)` looks like.

```
.text, #text, p{  
    color:rgb(204, 247, 227)  
}
```

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(204, 247, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 247, 227) }
```

Border

The CSS property to change the border of an element to RGB 204, 247, 227 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(204, 247, 227) }
```

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

```
.border{ border-color:rgb(204, 247, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 247, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 247, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 247, 227);  
box-shadow:4px 4px 4px 4px rgb(204, 247,  
227) }
```

Background

The CSS property to change the background color of an element to RGB 204, 247, 227 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 247, 227) }
```

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

```
.background{ background-color: rgb(204,  
247, 227) }
```

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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