

Converting Colors

RGB(206, 253, 227)

Have a look what the booklet for
RGB(206, 253, 227) contains.

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Color

RGB(206, 253, 227)

Conversions

Conversions Part 1

Format	Color
Hex	CEFDE3
RGB	206, 253, 227
RGB Percent	81%, 99%, 89%
CMY	0.1922, 0.0078, 0.1098
CMYK	0.19, 0.00, 0.10, 0.01
HSL	147°, 92%, 90%
HSV	147°, 19%, 99%
XYZ	74.4440, 88.9184, 85.9124
YIQ	235.9830, -19.6660, -18.0500

Conversions

Conversions Part 2

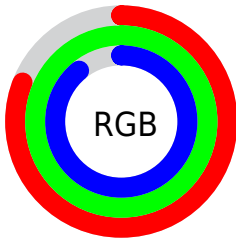
Format	Color
R _Y B	206, 238, 253
Decimal	13565411
CIE Lab	95.55, -19.91, 7.51
CIE LCh	96, 21.279, 159.334
Yxy	88.9184, 0.2986, 0.3567
Android (android.graphics.Color)	4291755491 (0xFFCEFD E3)
YUV	235.9830, -4.4286, -26.2951
Hunter-Lab	94.2966, -24.0992, 11.9892

Details

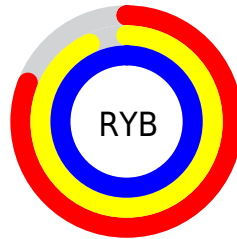
The RGB color **206, 253, 227** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **253, 206, 232**, and the grayscale version is **236, 236, 236**.

A 20% lighter version of the original color is **255, 255, 255**, and **151, 196, 172** is the 20% darker color. If you saturate the color by 10%, you get **181, 253, 213**, and if you desaturate by 10%, it is **231, 253, 241**.

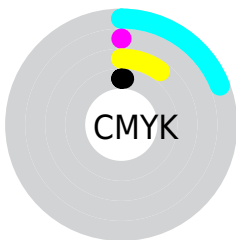
Distribution



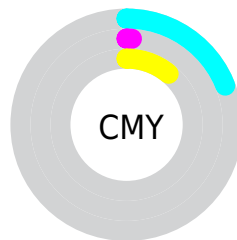
- Red (81%)
- Green (99%)
- Blue (89%)



- Red (81%)
- Yellow (93%)
- Blue (99%)



- Cyan (19%)
- Magenta (0%)
- Yellow (10%)
- Black (1%)



- Cyan (19%)
- Magenta (1%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the RGB color 206, 253, 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 206, 253, 227 by changing the saturation by 10% instead.

206, 253, 227

255, 255, 255

206, 253, 227

178, 224, 199

151, 196, 172

125, 169, 145

99, 142, 119

74, 117, 95

50, 92, 71

27, 68, 49

2, 46, 28

0, 26, 1

■ 206, 253, 227

■ 206, 253, 227

■ 181, 253, 213

■ 231, 253, 241

■ 155, 253, 199

■ 255, 253, 255

■ 130, 253, 185

■ 255, 253, 255

■ 105, 253, 171

■ 79, 253, 157

■ 54, 253, 143

■ 29, 253, 129

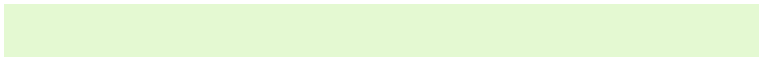
■ 4, 253, 115

■ 0, 253, 113

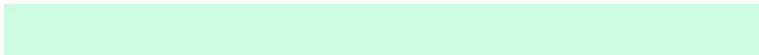
Harmonies

Analogous

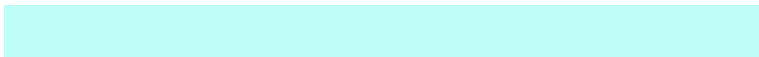
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



228, 249, 210



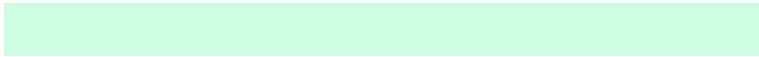
206, 253, 227



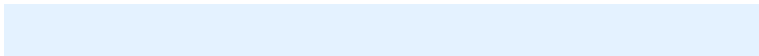
191, 254, 248

Triad

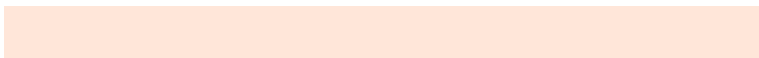
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



206, 253, 227



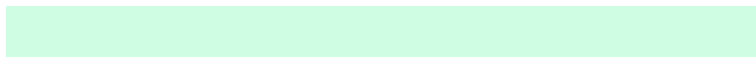
228, 242, 255



255, 230, 217

Complementary

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



206, 253, 227



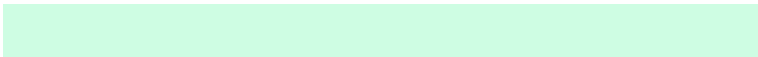
253, 206, 232

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, 228, 236



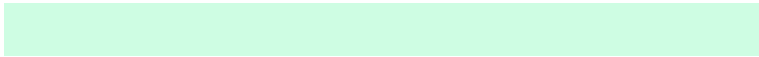
206, 253, 227



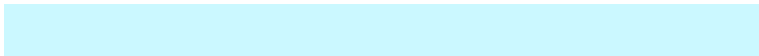
254, 235, 255

Square

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



206, 253, 227



203, 248, 255



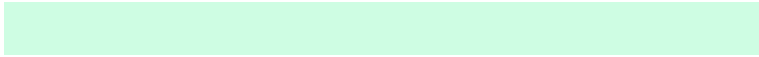
255, 230, 255



255, 236, 204

Rectangle

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



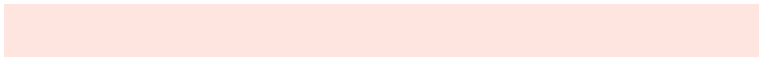
206, 253, 227



188, 254, 255



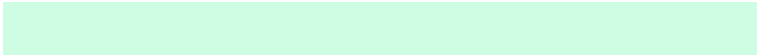
255, 230, 255



255, 229, 223

Sweetspot

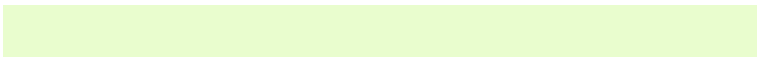
The Sweet Spot groups the original color and five complimentary colors.



206, 253, 227



240, 255, 247



233, 253, 206



119, 128, 123



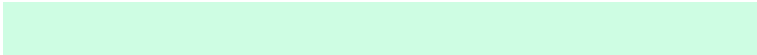
0, 0, 0



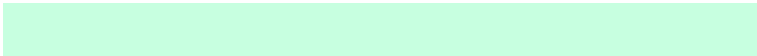
128, 128, 128

Same Dimension

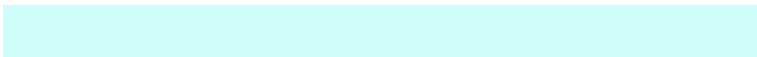
The Same Dimension uses a secret algorithm to generate beautiful new colors.



206, 253, 227



199, 255, 224



206, 253, 250



115, 128, 120



0, 191, 85



0, 64, 28

Inverse Universe

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



253, 206, 232



255, 199, 230



253, 206, 209



128, 115, 122



191, 0, 106



64, 0, 35

Previews

White Background



This preview shows how the RGB color 206, 253, 227 looks on a white background.

Color Contrast Check

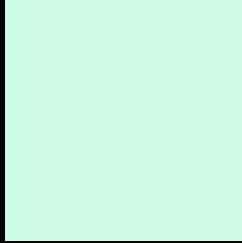
Large Text (above 18pt) WCAG AA × Fail

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 206, 253, 227 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

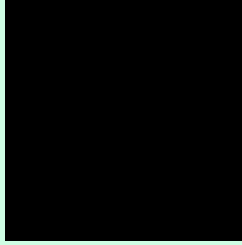
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

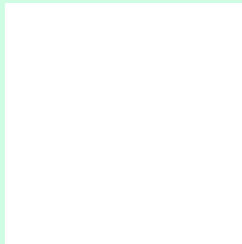
Any Text WCAG AAA ✓ Pass

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

RGB 206, 253, 227 Background



This preview shows how black text looks on a background with the RGB color 206, 253, 227.

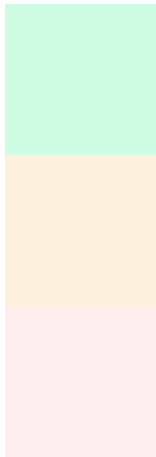


This preview shows how white text looks on a background with the RGB color 206, 253, 227.

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
206, 253, 227

Protanopia
251, 241, 220

Deuteranopia
255, 238, 237



Tritanopia

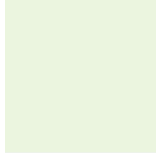
228, 245, 255

Trichromacy



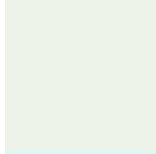
Original Color

206, 253, 227



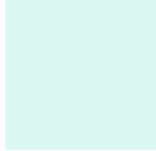
Protanomaly

235, 245, 223



Deuteranomaly

237, 243, 233



Tritanomaly

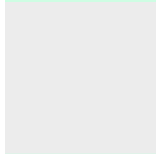
220, 248, 245

Monochromacy



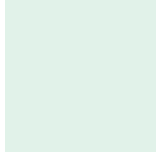
Original Color

206, 253, 227



Achromatopsia

236, 236, 236



Achromatomaly

225, 242, 233

CSS Examples

Text

The CSS property to change the color of the text to RGB 206, 253, 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(206, 253, 227)` looks like.

```
.text, #text, p{  
    color:rgb(206, 253, 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(206, 253, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 253, 227) }
```

Border

The CSS property to change the border of an element to RGB 206, 253, 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(206, 253, 227) }
```

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

```
.border{ border-color:rgb(206, 253, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 253, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 253, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 253, 227);  
box-shadow:4px 4px 4px 4px rgb(206, 253,  
227) }
```

Background

The CSS property to change the background color of an element to RGB 206, 253, 227 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 253, 227) }
```

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

```
.background{ background-color: rgb(206,  
253, 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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