

Converting Colors

RGB(221, 251, 246)

Have a look what the booklet for
RGB(221, 251, 246) contains.

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Color

RGB(221, 251, 246)

Conversions

Conversions Part 1

Format	Color
Hex	DDFBF6
RGB	221, 251, 246
RGB Percent	87%, 98%, 96%
CMY	0.1333, 0.0157, 0.0353
CMYK	0.12, 0.00, 0.02, 0.02
HSL	170°, 79%, 93%
HSV	170°, 12%, 98%
XYZ	80.9505, 91.0203, 100.4909
YIQ	241.4600, -16.2750, -7.9150

Conversions

Conversions Part 2

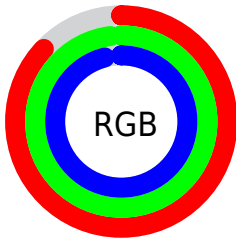
Format	Color
R _Y B	221, 237, 251
Decimal	14547958
CIE Lab	96.42, -10.61, -0.90
CIE LCh	96, 10.652, 184.841
Yxy	91.0203, 0.2971, 0.3341
Android (android.graphics.Color)	4292738038 (0xFFDDFBF6)
YUV	241.4600, 2.2382, -17.9434
Hunter-Lab	95.4046, -15.5012, 4.3323

Details

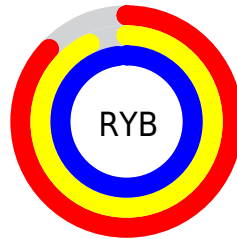
The RGB color **221, 251, 246** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **251, 221, 226**, and the grayscale version is **241, 241, 241**.

A 20% lighter version of the original color is **255, 255, 255**, and **166, 194, 190** is the 20% darker color. If you saturate the color by 10%, you get **196, 251, 242**, and if you desaturate by 10%, it is **246, 251, 250**.

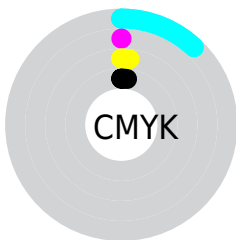
Distribution



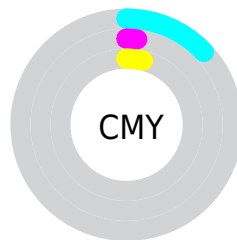
- Red (87%)
- Green (98%)
- Blue (96%)



- Red (87%)
- Yellow (93%)
- Blue (98%)



- Cyan (12%)
- Magenta (0%)
- Yellow (2%)
- Black (2%)



- Cyan (13%)
- Magenta (2%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the RGB color 221, 251, 246 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 221, 251, 246 by changing the saturation by 10% instead.

■ 221, 251, 246

255, 255, 255

■ 221, 251, 246

■ 193, 222, 218

■ 166, 194, 190

■ 139, 167, 163

■ 113, 141, 136

■ 89, 115, 111

■ 65, 91, 87

■ 42, 67, 64

■ 20, 45, 42

■ 0, 25, 21

 221, 251, 246

 221, 251, 246

 196, 251, 242

 246, 251, 250

 171, 251, 238

 255, 251, 254

 146, 251, 233

 255, 251, 255

 121, 251, 229

 96, 251, 225

 70, 251, 221

 45, 251, 217

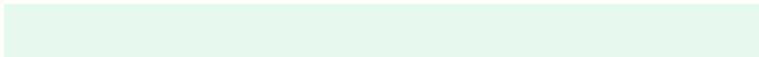
 20, 251, 213

 0, 251, 209

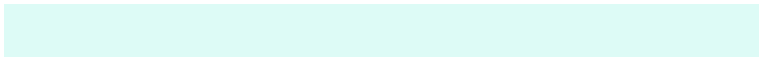
Harmonies

Analogous

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



229, 250, 236



221, 251, 246



220, 250, 255

Triad

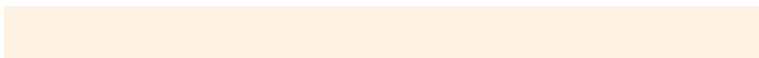
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



221, 251, 246



249, 242, 255



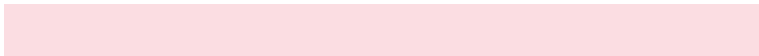
255, 241, 226

Complementary

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



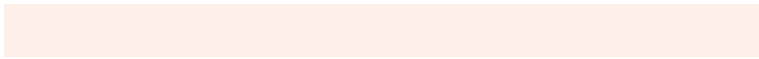
221, 251, 246



251, 221, 226

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, 239, 233



221, 251, 246



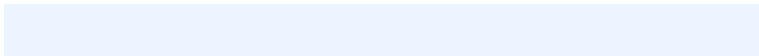
255, 239, 254

Square

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



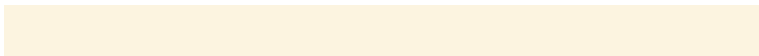
221, 251, 246



236, 245, 255



255, 238, 243



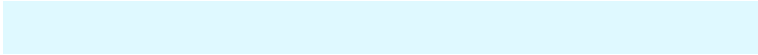
252, 244, 224

Rectangle

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



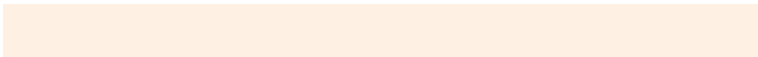
221, 251, 246



223, 249, 255



255, 238, 243



255, 240, 228

Sweetspot

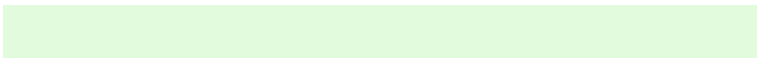
The Sweet Spot groups the original color and five complimentary colors.



221, 251, 246



245, 255, 253



226, 251, 221



121, 128, 126



0, 0, 0



128, 128, 128

Same Dimension

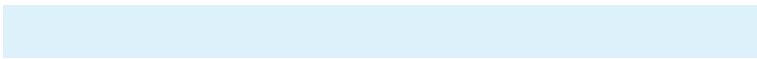
The Same Dimension uses a secret algorithm to generate beautiful new colors.



221, 251, 246



219, 255, 249



221, 241, 251



112, 125, 123



0, 189, 157



0, 61, 51

Inverse Universe

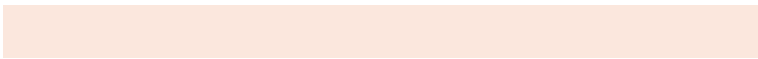
The Inverse Universe completely reimagines the original color for something new.



251, 221, 226



255, 219, 225



251, 231, 221



125, 112, 115



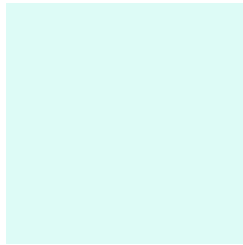
189, 0, 31



61, 0, 10

Previews

White Background



This preview shows how the RGB color 221, 251, 246 looks on a white background.

Color Contrast Check

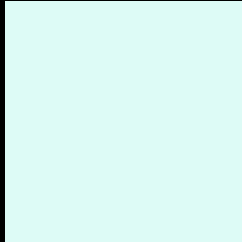
Large Text (above 18pt) WCAG AA × Fail

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 221, 251, 246 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

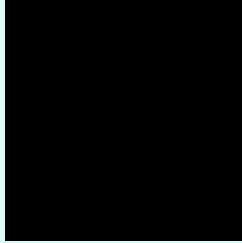
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

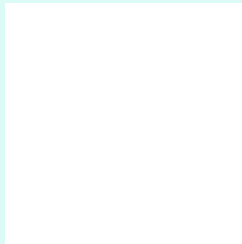
Any Text WCAG AAA ✓ Pass

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

RGB 221, 251, 246 Background



This preview shows how black text looks on a background with the RGB color 221, 251, 246.

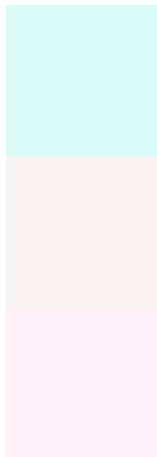


This preview shows how white text looks on a background with the RGB color 221, 251, 246.

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
221, 251, 246

Protanopia
249, 243, 241

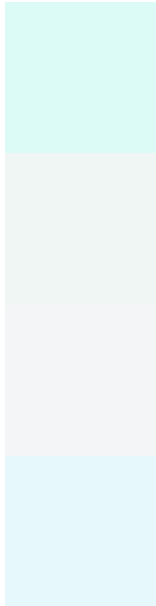
Deuteranopia
255, 241, 247



Tritanopia

236, 246, 255

Trichromacy



Original Color

221, 251, 246

Protanomaly

239, 246, 243

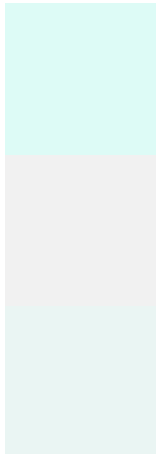
Deuteranomaly

243, 245, 247

Tritanomaly

231, 248, 252

Monochromacy



Original Color

221, 251, 246

Achromatopsia

241, 241, 241

Achromatomaly

234, 245, 243

CSS Examples

Text

The CSS property to change the color of the text to RGB 221, 251, 246 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(221, 251, 246)` looks like.

```
.text, #text, p{  
    color:rgb(221, 251, 246)  
}
```

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(221, 251, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 251, 246) }
```

Border

The CSS property to change the border of an element to RGB 221, 251, 246 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(221, 251, 246) }
```

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

```
.border{ border-color:rgb(221, 251, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 251, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(221, 251, 246); -webkit-box-shadow:4px 4px 4px 4px rgb(221, 251, 246); box-shadow:4px 4px 4px 4px rgb(221, 251, 246) }
```

Background

The CSS property to change the background color of an element to RGB 221, 251, 246 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 251, 246) }
```

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

```
.background{ background-color: rgb(221,  
251, 246) }
```

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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