

Converting Colors

RGB(219, 246, 229)

Have a look what the booklet for
RGB(219, 246, 229) contains.

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Color

RGB(219, 246, 229)

Conversions

Conversions Part 1

Format	Color
Hex	DBF6E5
RGB	219, 246, 229
RGB Percent	86%, 96%, 90%
CMY	0.1412, 0.0353, 0.1020
CMYK	0.11, 0.00, 0.07, 0.04
HSL	142°, 60%, 91%
HSV	142°, 11%, 96%
XYZ	76.3120, 86.6287, 86.8277
YIQ	235.9890, -10.6350, -11.0110

Conversions

Conversions Part 2

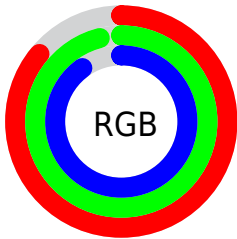
Format	Color
R _Y B	219, 239, 246
Decimal	14415589
CIE Lab	94.58, -11.92, 5.19
CIE LCh	95, 13.004, 156.475
Yxy	86.6287, 0.3055, 0.3468
Android (android.graphics.Color)	4292605669 (0xFFDBF6E5)
YUV	235.9890, -3.4456, -14.8994
Hunter-Lab	93.0746, -16.5279, 9.8416

Details

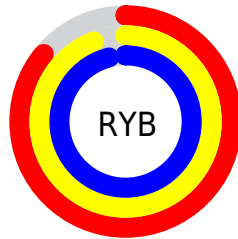
The RGB color **219, 246, 229** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **246, 219, 236**, and the grayscale version is **236, 236, 236**.

A 20% lighter version of the original color is **255, 255, 255**, and **164, 190, 174** is the 20% darker color. If you saturate the color by 10%, you get **194, 246, 214**, and if you desaturate by 10%, it is **244, 246, 244**.

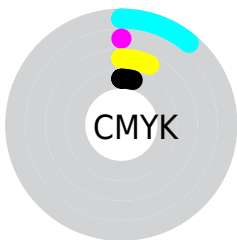
Distribution



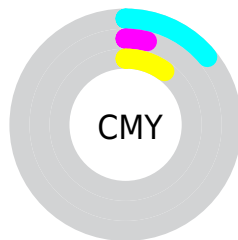
- Red (86%)
- Green (96%)
- Blue (90%)



- Red (86%)
- Yellow (94%)
- Blue (96%)



- Cyan (11%)
- Magenta (0%)
- Yellow (7%)
- Black (4%)



- Cyan (14%)
- Magenta (4%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the RGB color 219, 246, 229 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 219, 246, 229 by changing the saturation by 10% instead.

■ 219, 246, 229

255, 255, 255

■ 219, 246, 229

■ 191, 218, 201

■ 164, 190, 174

■ 137, 163, 147

■ 112, 136, 121

■ 87, 111, 96

■ 64, 86, 73

■ 41, 63, 50

■ 20, 41, 29

■ 0, 21, 4

 219, 246, 229

 219, 246, 229

 194, 246, 214

 244, 246, 244

 170, 246, 198

 255, 246, 255

 145, 246, 183

 121, 246, 167

 96, 246, 152

 71, 246, 136

 47, 246, 121

 22, 246, 105

 0, 246, 91

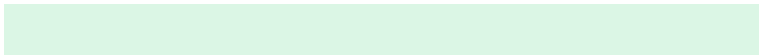
Harmonies

Analogous

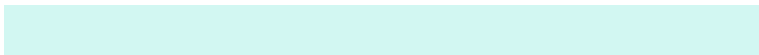
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



233, 243, 219



219, 246, 229



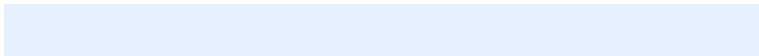
210, 247, 242

Triad

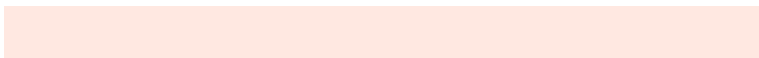
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



219, 246, 229



230, 240, 255



255, 232, 225

Complementary

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



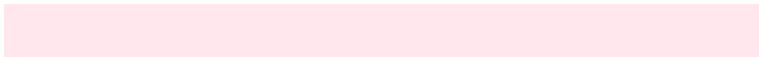
219, 246, 229



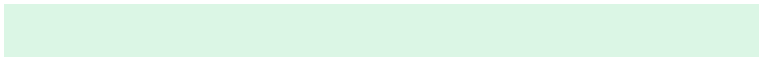
246, 219, 236

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, 231, 237



219, 246, 229



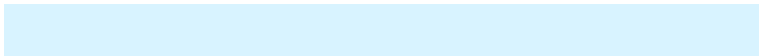
245, 235, 255

Square

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



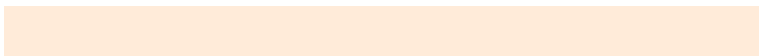
219, 246, 229



216, 243, 255



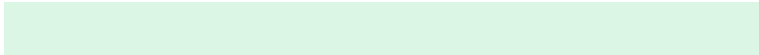
255, 232, 250



255, 235, 217

Rectangle

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



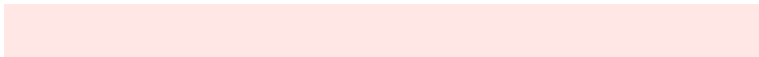
219, 246, 229



208, 247, 250



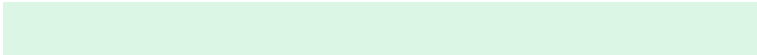
255, 232, 250



255, 231, 229

Sweetspot

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



219, 246, 229



247, 255, 250



236, 246, 219



122, 128, 124



0, 0, 0



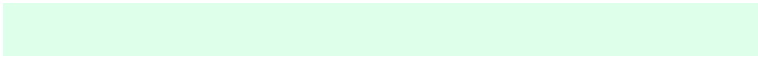
128, 128, 128

Same Dimension

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



219, 246, 229



222, 255, 234



219, 246, 242



110, 122, 115



0, 186, 69



0, 59, 22

Inverse Universe

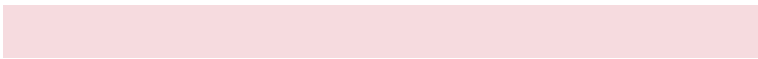
The Inverse Universe completely reimagines the original color for something new.



246, 219, 236



255, 222, 243



246, 219, 223



122, 110, 118



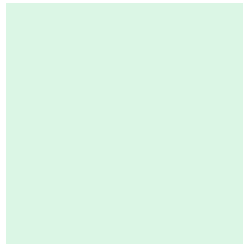
186, 0, 117



59, 0, 37

Previews

White Background



This preview shows how the RGB color 219, 246, 229 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 219, 246, 229 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

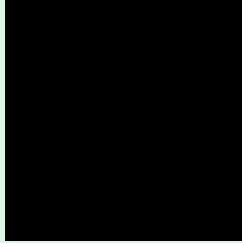
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

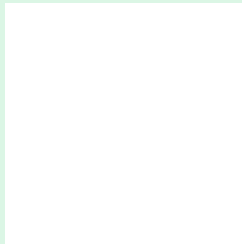
Any Text WCAG AAA ✓ Pass

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

RGB 219, 246, 229 Background



This preview shows how black text looks on a background with the RGB color 219, 246, 229.



This preview shows how white text looks on a background with the RGB color 219, 246, 229.

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

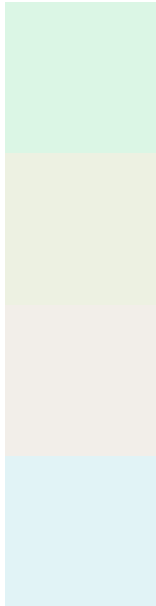




Tritanopia

228, 241, 255

Trichromacy



Original Color

219, 246, 229

Protanomaly

237, 241, 226

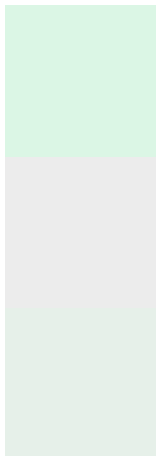
Deuteranomaly

242, 238, 233

Tritanomaly

225, 243, 246

Monochromacy



Original Color

219, 246, 229

Achromatopsia

236, 236, 236

Achromatomaly

230, 240, 233

CSS Examples

Text

The CSS property to change the color of the text to RGB 219, 246, 229 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(219, 246, 229)` looks like.

```
.text, #text, p{  
    color:rgb(219, 246, 229)  
}
```

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(219, 246, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 246, 229) }
```

Border

The CSS property to change the border of an element to RGB 219, 246, 229 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(219, 246, 229) }
```

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

```
.border{ border-color:rgb(219, 246, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 246, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 246, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 246, 229);  
box-shadow:4px 4px 4px 4px rgb(219, 246,  
229) }
```

Background

The CSS property to change the background color of an element to RGB 219, 246, 229 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 246, 229) }
```

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

```
.background{ background-color: rgb(219,  
246, 229) }
```

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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