

Converting Colors

RGB(219, 255, 235)

Have a look what the booklet for
RGB(219, 255, 235) contains.

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Color

RGB(219, 255, 235)

Conversions

Conversions Part 1

Format	Color
Hex	DBFFEB
RGB	219, 255, 235
RGB Percent	86%, 100%, 92%
CMY	0.1412, 0.0000, 0.0784
CMYK	0.14, 0.00, 0.08, 0.00
HSL	147°, 100%, 93%
HSV	147°, 14%, 100%
XYZ	79.9688, 92.5782, 92.2518
YIQ	241.9560, -15.0360, -13.8520

Conversions

Conversions Part 2

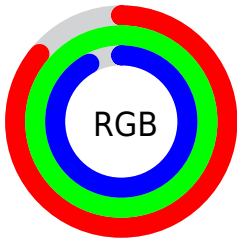
Format	Color
R _Y B	219, 244, 255
Decimal	14417899
CIE Lab	97.06, -15.29, 5.67
CIE LCh	97, 16.306, 159.634
Yxy	92.5782, 0.3020, 0.3496
Android (android.graphics.Color)	4292607979 (0xFFDBFFEB)
YUV	241.9560, -3.4293, -20.1324
Hunter-Lab	96.2176, -20.0250, 10.5060

Details

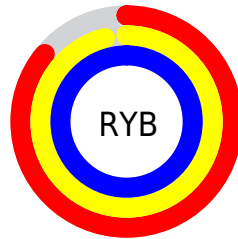
The RGB color **219, 255, 235** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **255, 219, 239**, and the grayscale version is **242, 242, 242**.

A 20% lighter version of the original color is **255, 255, 255**, and **164, 198, 179** is the 20% darker color. If you saturate the color by 10%, you get **194, 255, 221**, and if you desaturate by 10%, it is **244, 255, 249**.

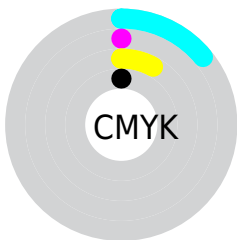
Distribution



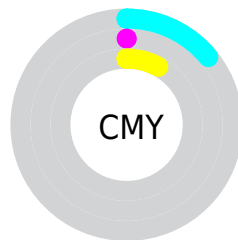
- Red (86%)
- Green (100%)
- Blue (92%)



- Red (86%)
- Yellow (96%)
- Blue (100%)



- Cyan (14%)
- Magenta (0%)
- Yellow (8%)
- Black (0%)



- Cyan (14%)
- Magenta (0%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the RGB color 219, 255, 235 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, 255, 235 by changing the saturation by 10% instead.

 219, 255, 235


255, 255, 255


 219, 255, 235

 191, 226, 207

 164, 198, 179

 137, 171, 153

 112, 144, 127

 87, 119, 102

 63, 94, 78

 40, 70, 55

 18, 48, 33

 0, 27, 11

■ 219, 255, 235

■ 219, 255, 235

■ 194, 255, 221

■ 244, 255, 249

■ 168, 255, 207

255, 255, 255

■ 143, 255, 192

■ 117, 255, 178

■ 91, 255, 164

■ 66, 255, 150

■ 40, 255, 136

■ 15, 255, 122

■ 0, 255, 113

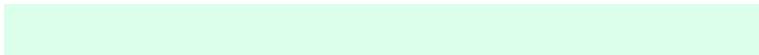
Harmonies

Analogous

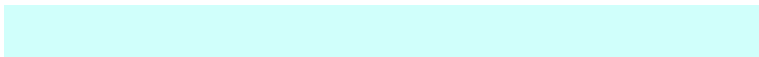
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



236, 252, 222



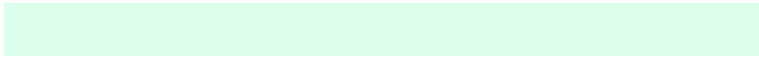
219, 255, 235



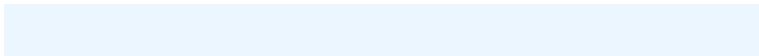
208, 255, 251

Triad

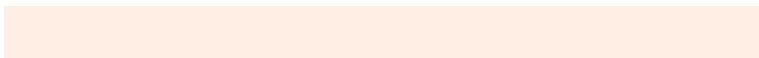
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



219, 255, 235



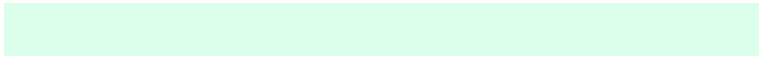
236, 246, 255



255, 238, 227

Complementary

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



219, 255, 235



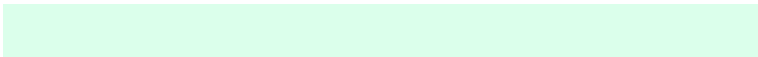
255, 219, 239

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, 236, 242



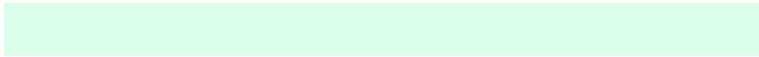
219, 255, 235



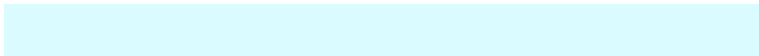
255, 241, 255

Square

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



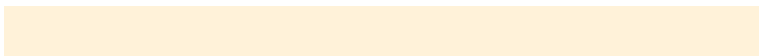
219, 255, 235



218, 251, 255



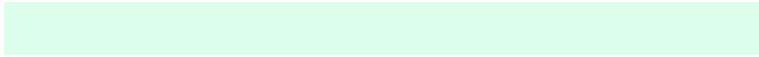
255, 237, 255



255, 242, 217

Rectangle

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



219, 255, 235



206, 255, 255



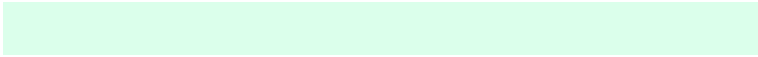
255, 237, 255



255, 237, 232

Sweetspot

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



219, 255, 235



245, 255, 249



239, 255, 219



121, 128, 124



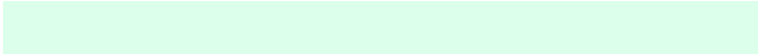
0, 0, 0



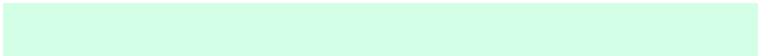
128, 128, 128

Same Dimension

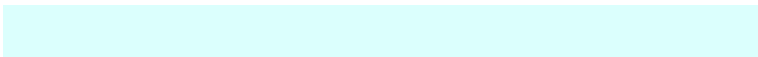
The Same Dimension uses a secret algorithm to generate beautiful new colors.



219, 255, 235



212, 255, 231



219, 255, 253



115, 128, 120



0, 191, 85



0, 64, 28

Inverse Universe

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



255, 219, 239



255, 212, 236



255, 219, 221



128, 115, 122



191, 0, 106



64, 0, 35

Previews

White Background



This preview shows how the RGB color 219, 255, 235 looks on a white background.

Color Contrast Check

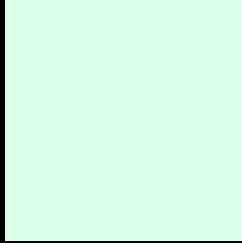
Large Text (above 18pt) WCAG AA × Fail

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, 255, 235 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

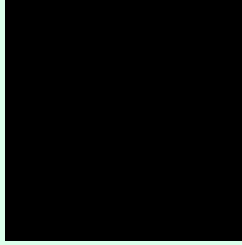
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

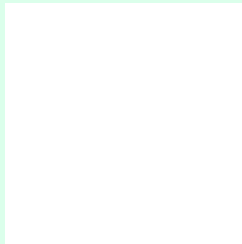
Any Text WCAG AAA ✓ Pass

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

RGB 219, 255, 235 Background



This preview shows how black text looks on a background with the RGB color 219, 255, 235.

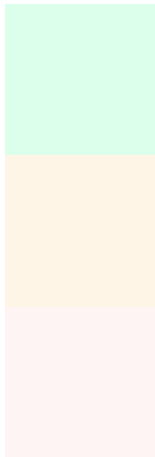


This preview shows how white text looks on a background with the RGB color 219, 255, 235.

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
219, 255, 235

Protanopia
254, 245, 230

Deuteranopia
255, 244, 244



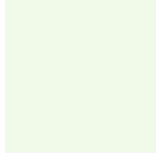
Tritanopia
239, 247, 255

Trichromacy



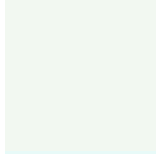
Original Color

219, 255, 235



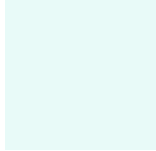
Protanomaly

241, 249, 232



Deuteranomaly

242, 248, 241



Tritanomaly

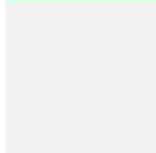
232, 250, 248

Monochromacy



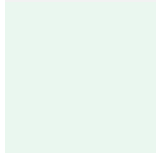
Original Color

219, 255, 235



Achromatopsia

242, 242, 242



Achromatomaly

234, 247, 239

CSS Examples

Text

The CSS property to change the color of the text to RGB 219, 255, 235 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, 255, 235)` looks like.

```
.text, #text, p{  
    color:rgb(219, 255, 235)  
}
```

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, 255, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 255, 235) }
```

Border

The CSS property to change the border of an element to RGB 219, 255, 235 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, 255, 235) }
```

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

```
.border{ border-color:rgb(219, 255, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 255, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 255, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 255, 235);  
box-shadow:4px 4px 4px 4px rgb(219, 255,  
235) }
```

Background

The CSS property to change the background color of an element to RGB 219, 255, 235 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 255, 235) }
```

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

```
.background{ background-color: rgb(219,  
255, 235) }
```

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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