

Converting Colors

RGB(229, 255, 241)

Have a look what the booklet for
RGB(229, 255, 241) contains.

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Color

RGB(229, 255, 241)

Conversions

Conversions Part 1

Format	Color
Hex	E5FFF1
RGB	229, 255, 241
RGB Percent	90%, 100%, 95%
CMY	0.1020, 0.0000, 0.0549
CMYK	0.10, 0.00, 0.05, 0.00
HSL	148°, 100%, 95%
HSV	148°, 10%, 100%
XYZ	83.9503, 94.5289, 97.0403
YIQ	245.6300, -11.0020, -9.8660

Conversions

Conversions Part 2

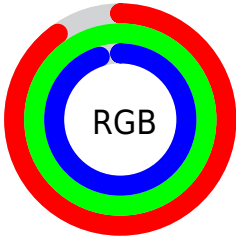
Format	Color
R _Y B	229, 247, 255
Decimal	15073265
CIE Lab	97.84, -10.98, 3.81
CIE LCh	98, 11.623, 160.838
Yxy	94.5289, 0.3047, 0.3431
Android (android.graphics.Color)	4293263345 (0xFFE5FFF1)
YUV	245.6300, -2.2826, -14.5845
Hunter-Lab	97.2260, -16.0187, 8.8814

Details

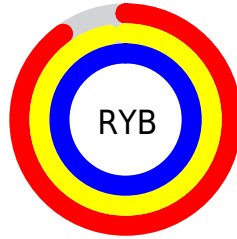
The RGB color **229, 255, 241** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **255, 229, 243**, and the grayscale version is **246, 246, 246**.

A 20% lighter version of the original color is **255, 255, 255**, and **173, 198, 185** is the 20% darker color. If you saturate the color by 10%, you get **204, 255, 227**, and if you desaturate by 10%, it is **255, 255, 255**.

Distribution



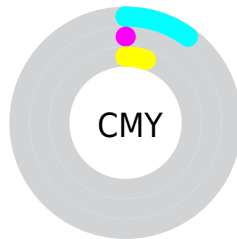
- Red (90%)
- Green (100%)
- Blue (95%)



- Red (90%)
- Yellow (97%)
- Blue (100%)



- Cyan (10%)
- Magenta (0%)
- Yellow (5%)
- Black (0%)



- Cyan (10%)
- Magenta (0%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the RGB color 229, 255, 241 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 229, 255, 241 by changing the saturation by 10% instead.


 229, 255, 241


255, 255, 255


 229, 255, 241

 201, 226, 213

 173, 198, 185

 147, 171, 158

 121, 144, 132

 96, 119, 107

 72, 94, 83

 49, 70, 60

 28, 48, 38

 4, 27, 17

 229, 255, 241

 229, 255, 241

 204, 255, 227

255, 255, 255

 178, 255, 214

255, 255, 255

 153, 255, 200

 127, 255, 186

 102, 255, 172

 76, 255, 159

 51, 255, 145

 25, 255, 131

 0, 255, 118

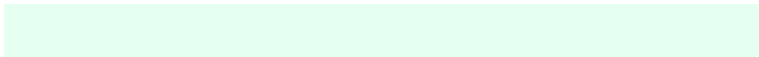
Harmonies

Analogous

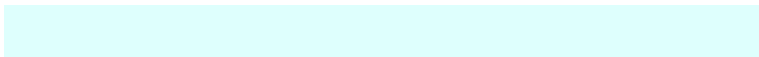
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



241, 253, 232



229, 255, 241



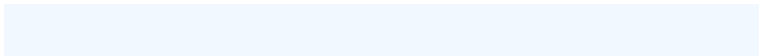
222, 255, 253

Triad

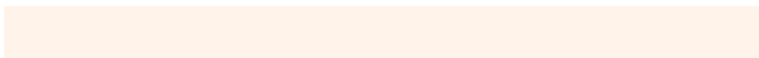
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



229, 255, 241



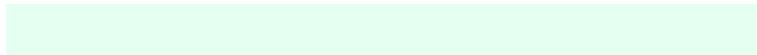
242, 248, 255



255, 243, 234

Complementary

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



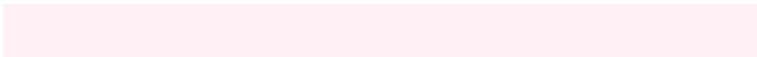
229, 255, 241



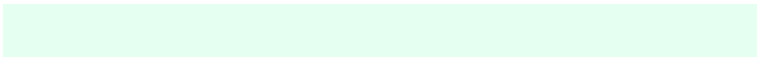
255, 229, 243

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, 241, 245



229, 255, 241



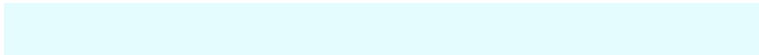
255, 245, 255

Square

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



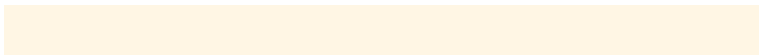
229, 255, 241



229, 252, 255



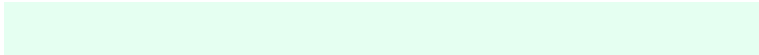
255, 242, 255



255, 246, 228

Rectangle

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



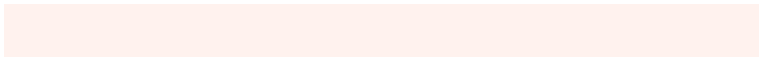
229, 255, 241



221, 255, 255



255, 242, 255



255, 242, 238

Sweetspot

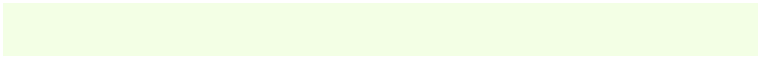
The Sweet Spot groups the original color and five complimentary colors.



229, 255, 241



247, 255, 251



243, 255, 229



122, 128, 125



0, 0, 0



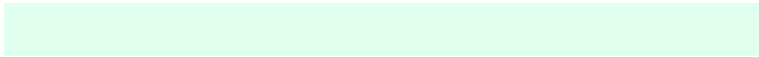
128, 128, 128

Same Dimension

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



229, 255, 241



224, 255, 239



229, 255, 254



115, 128, 121



0, 191, 88



0, 64, 29

Inverse Universe

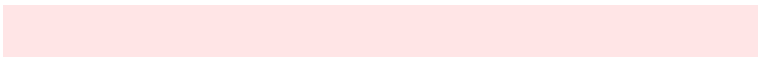
The Inverse Universe completely reimagines the original color for something new.



255, 229, 243



255, 224, 241



255, 229, 230



128, 115, 122



191, 0, 103



64, 0, 34

Previews

White Background



This preview shows how the RGB color 229, 255, 241 looks on a white background.

Color Contrast Check

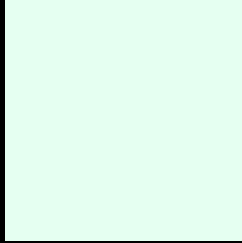
Large Text (above 18pt) WCAG AA × Fail

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 229, 255, 241 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

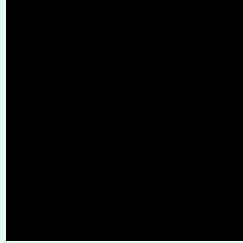
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

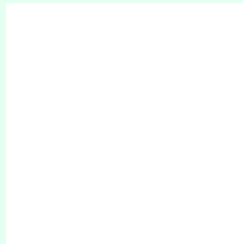
Any Text WCAG AAA ✓ Pass

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

RGB 229, 255, 241 Background



This preview shows how black text looks on a background with the RGB color 229, 255, 241.

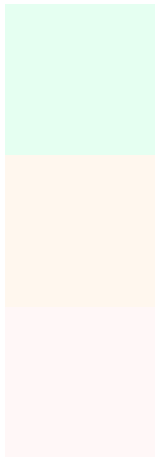


This preview shows how white text looks on a background with the RGB color 229, 255, 241.

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
229, 255, 241

Protanopia
255, 247, 238

Deuteranopia
255, 247, 247



Tritanopia

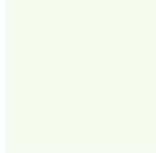
244, 249, 255

Trichromacy



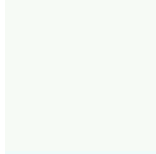
Original Color

229, 255, 241



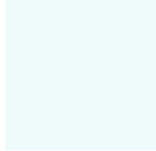
Protanomaly

246, 250, 239



Deuteranomaly

246, 250, 245



Tritanomaly

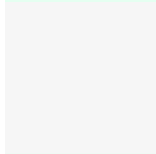
239, 251, 250

Monochromacy



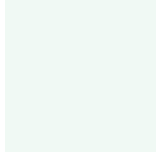
Original Color

229, 255, 241



Achromatopsia

246, 246, 246



Achromatomaly

240, 249, 244

CSS Examples

Text

The CSS property to change the color of the text to RGB 229, 255, 241 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(229, 255, 241)` looks like.

```
.text, #text, p{  
    color:rgb(229, 255, 241)  
}
```

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(229, 255, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 255, 241) }
```

Border

The CSS property to change the border of an element to RGB 229, 255, 241 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(229, 255, 241) }
```

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

```
.border{ border-color:rgb(229, 255, 241) }
```

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

Here you see how a box with a 4 pixel rgb(229, 255, 241) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 255, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 255, 241);  
box-shadow:4px 4px 4px 4px rgb(229, 255,  
241) }
```

Background

The CSS property to change the background color of an element to RGB 229, 255, 241 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 255, 241) }
```

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

```
.background{ background-color: rgb(229,  
255, 241) }
```

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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