

# Converting Colors

RGB(231, 254, 255)

Have a look what the booklet for  
RGB(231, 254, 255) contains.

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# **Color**

**RGB(231, 254, 255)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E7FEFF
RGB	231, 254, 255
RGB Percent	91%, 100%, 100%
CMY	0.0941, 0.0039, 0.0000
CMYK	0.09, 0.00, 0.00, 0.00
HSL	182°, 100%, 95%
HSV	182°, 9%, 100%
XYZ	86.4468, 95.0925, 108.4062
YIQ	247.2370, -14.0290, -4.5650

# Conversions

## Conversions Part 2

<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	231, 243, 255
Decimal	15204095
CIE Lab	98.07, -7.24, -3.03
CIE LCh	98, 7.853, 202.730
Yxy	95.0925, 0.2981, 0.3280
Android (android.graphics.Color)	4293394175 (0xFFE7FEFF)
YUV	247.2370, 3.8272, -14.2398
Hunter-Lab	97.5154, -12.4128, 2.3491

# Details

The RGB color **231, 254, 255** is a light color, and the websafe version is hex FFFFFFF, and the color name is **bubbles**. A complement of this color would be **255, 232, 231**, and the grayscale version is **247, 247, 247**.

A 20% lighter version of the original color is **255, 255, 255**, and **175, 197, 198** is the 20% darker color. If you saturate the color by 10%, you get **206, 253, 255**, and if you desaturate by 10%, it is **255, 255, 255**.

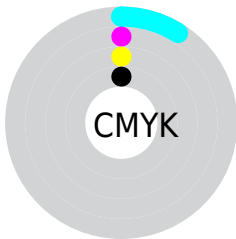
# Distribution



- Red (91%)
- Green (100%)
- Blue (100%)



- Red (91%)
- Yellow (95%)
- Blue (100%)



- Cyan (9%)
- Magenta (0%)
- Yellow (0%)
- Black (0%)



- Cyan (9%)
- Magenta (0%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the RGB color 231, 254, 255 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 231, 254, 255 by changing the saturation by 10% instead.



 231, 254, 255

 231, 254, 255


255, 255, 255

 203, 225, 226


 175, 197, 198

 149, 170, 171

 123, 144, 145

 98, 118, 119

 73, 93, 94

 51, 70, 71

 29, 47, 48

 7, 27, 27

231, 254, 255

231, 254, 255

206, 253, 255

255, 255, 255

180, 252, 255

155, 251, 255

129, 250, 255

104, 249, 255

78, 248, 255

53, 247, 255

27, 246, 255

2, 244, 255

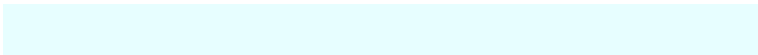
# Harmonies

## Analogous

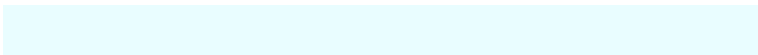
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



234, 254, 247



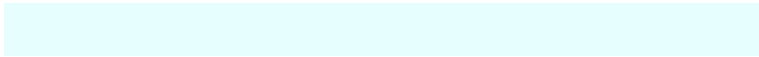
231, 254, 255



233, 253, 255

# Triad

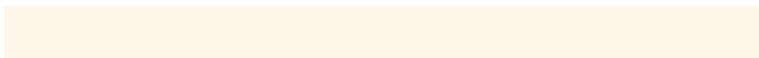
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



231, 254, 255



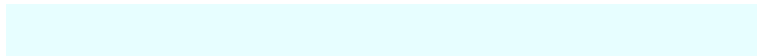
255, 246, 255



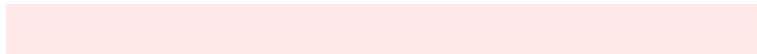
255, 248, 234

# Complementary

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



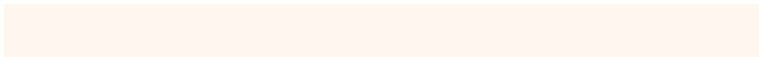
231, 254, 255



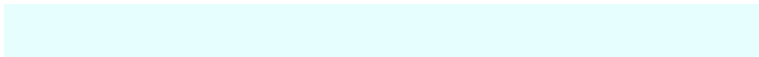
255, 232, 231

# 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, 246, 238



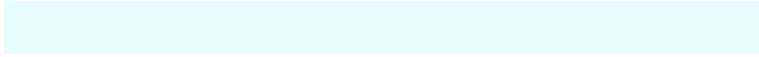
231, 254, 255



255, 245, 252

# Square

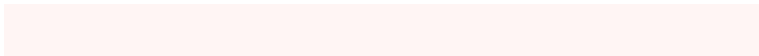
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



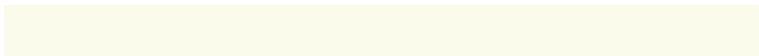
231, 254, 255



249, 248, 255



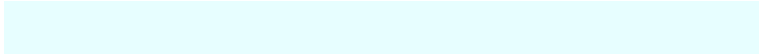
255, 245, 244



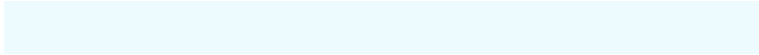
250, 251, 235

# Rectangle

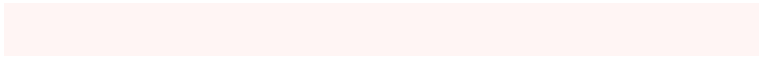
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



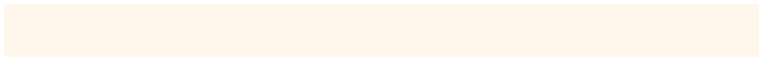
231, 254, 255



237, 251, 255



255, 245, 244

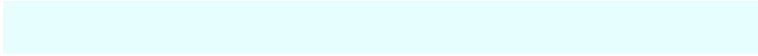


255, 247, 235



# Sweetspot

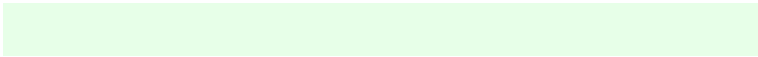
The Sweet Spot groups the original color and five complimentary colors.



231, 254, 255



247, 255, 255



231, 255, 232



122, 127, 128



0, 0, 0



128, 128, 128



# Same Dimension

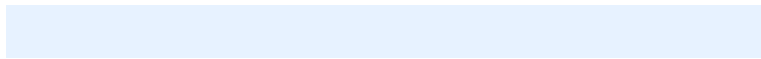
The Same Dimension uses a secret algorithm to generate beautiful new colors.



231, 254, 255



227, 254, 255



231, 242, 255



115, 127, 128



0, 183, 191



0, 61, 64



# Inverse Universe

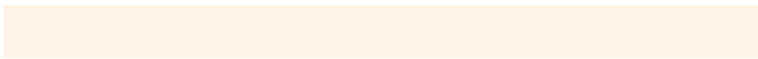
The Inverse Universe completely reimagines the original color for something new.



255, 231, 254



255, 227, 254



255, 244, 231



128, 115, 127



191, 0, 183

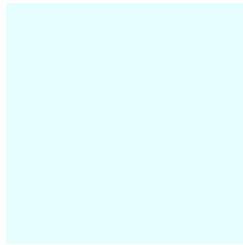


64, 0, 61



# Previews

## White Background



This preview shows how the RGB color 231, 254, 255 looks on a white background.

## Color Contrast Check

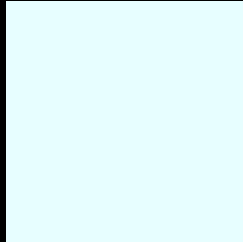
Large Text (above 18pt) WCAG AA × Fail

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 231, 254, 255 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

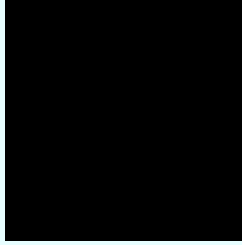
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## RGB 231, 254, 255 Background



This preview shows how black text looks on a background with the RGB color 231, 254, 255.

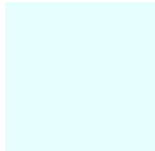


This preview shows how white text looks on a background with the RGB color 231, 254, 255.

# 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**  
231, 254, 255

**Protanopia**  
253, 248, 251

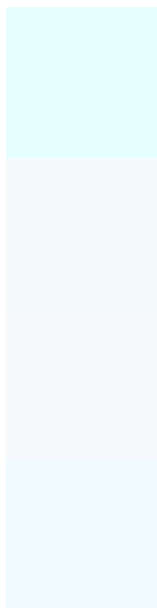
**Deuteranopia**  
255, 247, 252



# Tritanopia

245, 250, 255

# Trichromacy



## Original Color

231, 254, 255

## Protanomaly

245, 250, 252

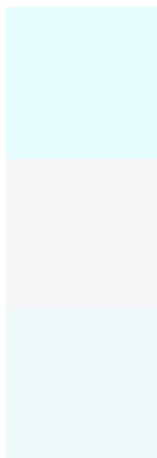
## Deuteranomaly

246, 250, 253

## Tritanomaly

240, 251, 255

# Monochromacy



## Original Color

231, 254, 255

## Achromatopsia

247, 247, 247

## Achromatomaly

241, 250, 250

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 231, 254, 255 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(231, 254, 255) looks like.

```
.text, #text, p{  
    color:rgb(231, 254, 255)  
}
```

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(231, 254, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 254, 255) }
```

## Border

The CSS property to change the border of an element to RGB 231, 254, 255 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(231, 254, 255) }
```

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

```
.border{ border-color:rgb(231, 254, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 254, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 254, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 254, 255);  
box-shadow:4px 4px 4px 4px rgb(231, 254,  
255) }
```

# Background

The CSS property to change the background color of an element to RGB 231, 254, 255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 254, 255) }
```

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

```
.background{ background-color: rgb(231,  
254, 255) }
```

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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