

Converting Colors

RGB(228, 255, 247)

Have a look what the booklet for
RGB(228, 255, 247) contains.

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Color

RGB(228, 255, 247)

Conversions

Conversions Part 1

Format	Color
Hex	E4FFF7
RGB	228, 255, 247
RGB Percent	89%, 100%, 97%
CMY	0.1059, 0.0000, 0.0314
CMYK	0.11, 0.00, 0.03, 0.00
HSL	162°, 100%, 95%
HSV	162°, 11%, 100%
XYZ	84.5434, 94.7294, 101.8244
YIQ	246.0150, -13.5240, -8.2120

Conversions

Conversions Part 2

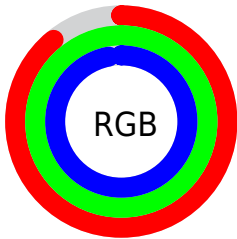
Format	Color
R_{YB}	228, 244, 255
Decimal	15007735
CIE _{Lab}	97.93, -10.20, 0.84
CIE _{LCh}	98, 10.233, 175.284
Yxy	94.7294, 0.3008, 0.3370
Android (android.graphics.Color)	4293197815 (0xFFE4FFF7)
YUV	246.0150, 0.4856, -15.7992
Hunter-Lab	97.3290, -15.2744, 6.1019

Details

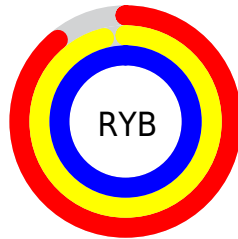
The RGB color **228, 255, 247** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **255, 228, 236**, and the grayscale version is **246, 246, 246**.

A 20% lighter version of the original color is **255, 255, 255**, and **172, 198, 191** is the 20% darker color. If you saturate the color by 10%, you get **203, 255, 239**, and if you desaturate by 10%, it is **254, 255, 255**.

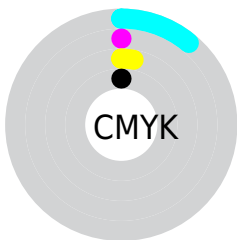
Distribution



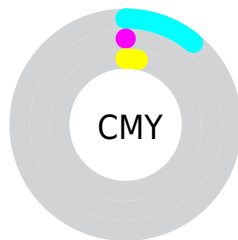
- Red (89%)
- Green (100%)
- Blue (97%)



- Red (89%)
- Yellow (96%)
- Blue (100%)



- Cyan (11%)
- Magenta (0%)
- Yellow (3%)
- Black (0%)



- Cyan (11%)
- Magenta (0%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the RGB color 228, 255, 247 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 228, 255, 247 by changing the saturation by 10% instead.

 228, 255, 247


255, 255, 255


 228, 255, 247


 200, 226, 219


 172, 198, 191

 146, 171, 164

 120, 144, 137

 95, 119, 112

 71, 94, 88

 48, 70, 64

 26, 48, 42

 3, 27, 22

■ 228, 255, 247

■ 228, 255, 247

■ 203, 255, 239

254, 255, 255

■ 177, 255, 232

255, 255, 255

■ 152, 255, 224

■ 126, 255, 217

■ 101, 255, 209

■ 75, 255, 202

■ 50, 255, 194

■ 24, 255, 187

■ 0, 255, 179

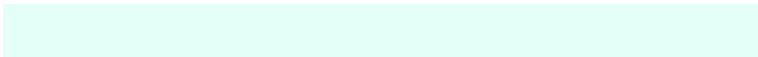
Harmonies

Analogous

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



237, 254, 237



228, 255, 247



225, 255, 255

Triad

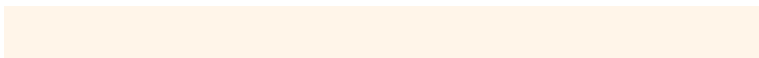
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



228, 255, 247



249, 247, 255



255, 245, 233

Complementary

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



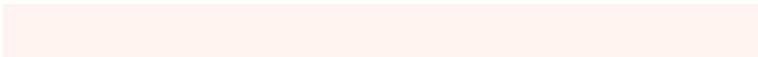
228, 255, 247



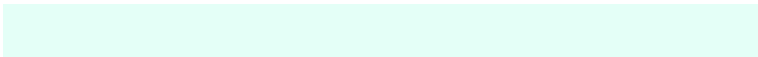
255, 228, 236

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, 243, 241



228, 255, 247



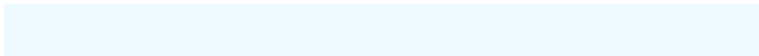
255, 244, 255

Square

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



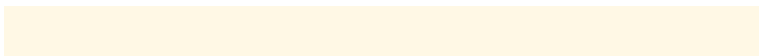
228, 255, 247



237, 250, 255



255, 243, 251



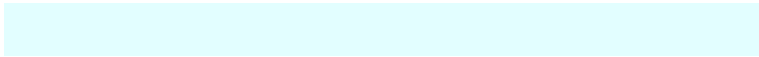
255, 248, 229

Rectangle

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



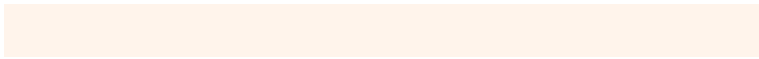
228, 255, 247



226, 254, 255



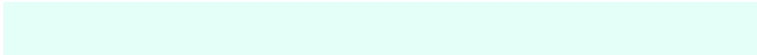
255, 243, 251



255, 244, 235

Sweetspot

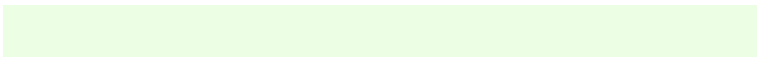
The Sweet Spot groups the original color and five complimentary colors.



228, 255, 247



247, 255, 253



236, 255, 228



122, 128, 126



0, 0, 0



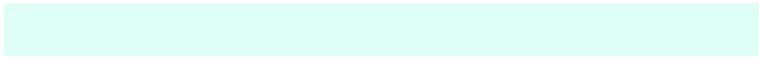
128, 128, 128

Same Dimension

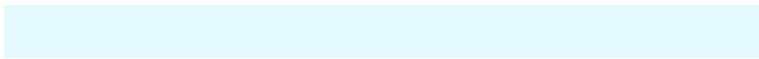
The Same Dimension uses a secret algorithm to generate beautiful new colors.



228, 255, 247



222, 255, 245



228, 250, 255



115, 128, 124



0, 191, 135



0, 64, 45

Inverse Universe

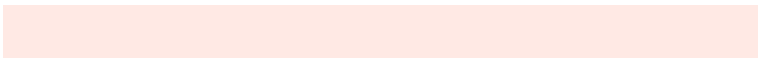
The Inverse Universe completely reimagines the original color for something new.



255, 228, 236



255, 222, 232



255, 233, 228



128, 115, 119



191, 0, 57



64, 0, 19

Previews

White Background



This preview shows how the RGB color 228, 255, 247 looks on a white background.

Color Contrast Check

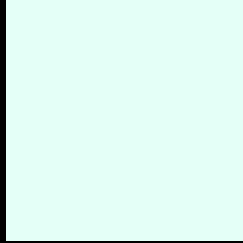
Large Text (above 18pt) WCAG AA × Fail

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 228, 255, 247 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

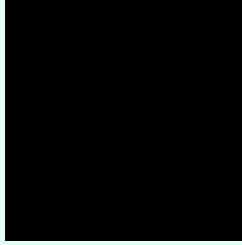
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

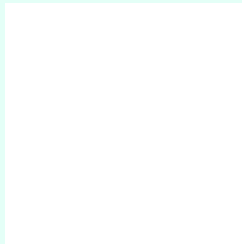
Any Text WCAG AAA ✓ Pass

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

RGB 228, 255, 247 Background



This preview shows how black text looks on a background with the RGB color 228, 255, 247.

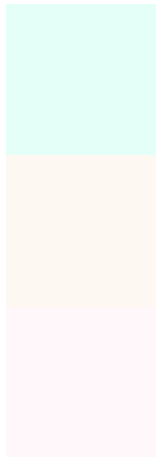


This preview shows how white text looks on a background with the RGB color 228, 255, 247.

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
228, 255, 247

Protanopia
254, 248, 243

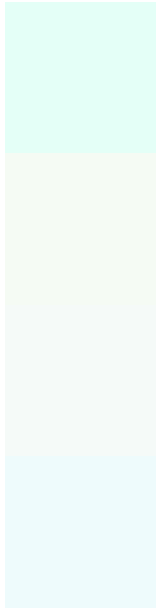
Deuteranopia
255, 247, 249



Tritanopia

244, 249, 255

Trichromacy



Original Color

228, 255, 247

Protanomaly

245, 251, 244

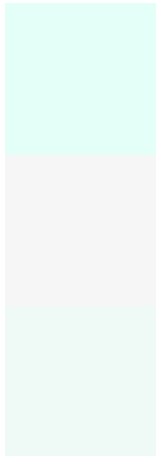
Deuteranomaly

245, 250, 248

Tritanomaly

238, 251, 252

Monochromacy



Original Color

228, 255, 247

Achromatopsia

246, 246, 246

Achromatomaly

239, 249, 246

CSS Examples

Text

The CSS property to change the color of the text to RGB 228, 255, 247 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(228, 255, 247)` looks like.

```
.text, #text, p{  
    color:rgb(228, 255, 247)  
}
```

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(228, 255, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 255, 247) }
```

Border

The CSS property to change the border of an element to RGB 228, 255, 247 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(228, 255, 247) }
```

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

```
.border{ border-color:rgb(228, 255, 247) }
```

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

Here you see how a box with a 4 pixel rgb(228, 255, 247) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 255, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 255, 247);  
box-shadow:4px 4px 4px 4px rgb(228, 255,  
247) }
```

Background

The CSS property to change the background color of an element to RGB 228, 255, 247 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 255, 247) }
```

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

```
.background{ background-color: rgb(228,  
255, 247) }
```

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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