

Converting Colors

RGB(236, 255, 248)

Have a look what the booklet for
RGB(236, 255, 248) contains.

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Color

RGB(236, 255, 248)

Conversions

Conversions Part 1

Format	Color
Hex	ECFFF8
RGB	236, 255, 248
RGB Percent	93%, 100%, 97%
CMY	0.0745, 0.0000, 0.0275
CMYK	0.07, 0.00, 0.03, 0.00
HSL	158°, 100%, 96%
HSV	158°, 7%, 100%
XYZ	87.2953, 96.1302, 102.7610
YIQ	248.5210, -9.0770, -6.2050

Conversions

Conversions Part 2

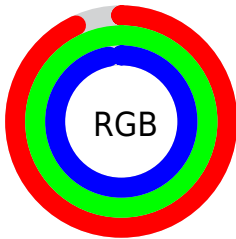
Format	Color
R _Y B	236, 248, 255
Decimal	15532024
CIE Lab	98.48, -7.45, 1.21
CIE LCh	98, 7.542, 170.791
Yxy	96.1302, 0.3050, 0.3359
Android (android.graphics.Color)	4293722104 (0xFFE0FF8)
YUV	248.5210, -0.2569, -10.9809
Hunter-Lab	98.0460, -12.6529, 6.4910

Details

The RGB color **236, 255, 248** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **255, 236, 243**, and the grayscale version is **249, 249, 249**.

A 20% lighter version of the original color is **255, 255, 255**, and **180, 198, 192** is the 20% darker color. If you saturate the color by 10%, you get **211, 255, 239**, and if you desaturate by 10%, it is **255, 255, 255**.

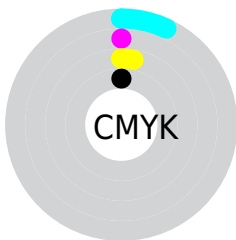
Distribution



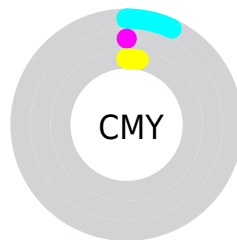
- Red (93%)
- Green (100%)
- Blue (97%)



- Red (93%)
- Yellow (97%)
- Blue (100%)



- Cyan (7%)
- Magenta (0%)
- Yellow (3%)
- Black (0%)



- Cyan (7%)
- Magenta (0%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the RGB color 236, 255, 248 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 236, 255, 248 by changing the saturation by 10% instead.

 236, 255, 248

255, 255, 255


 236, 255, 248

 208, 226, 219


 180, 198, 192

 153, 171, 165


 127, 144, 138

 102, 119, 113

 78, 94, 88

 55, 70, 65

 33, 48, 43

 13, 27, 23

 236, 255, 248

 236, 255, 248

 211, 255, 239

255, 255, 255

 185, 255, 229

 160, 255, 220

 134, 255, 210

 109, 255, 201

 83, 255, 192

 57, 255, 182

 32, 255, 173

 7, 255, 163

Harmonies

Analogous

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



243, 254, 241



236, 255, 248



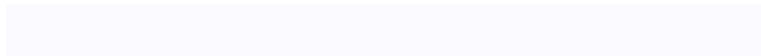
233, 255, 255

Triad

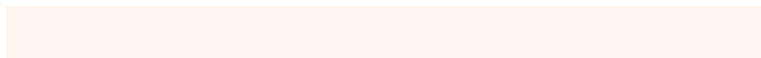
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



236, 255, 248



250, 250, 255



255, 247, 239

Complementary

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



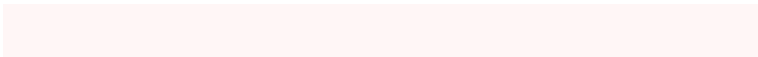
236, 255, 248



255, 236, 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, 246, 246



236, 255, 248



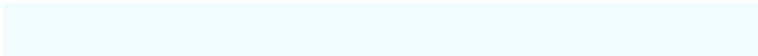
255, 247, 255

Square

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



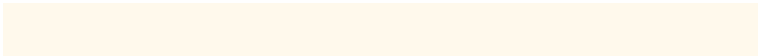
236, 255, 248



241, 252, 255



255, 246, 253



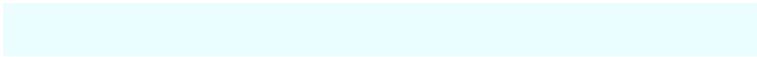
255, 249, 236

Rectangle

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



236, 255, 248



234, 254, 255



255, 246, 253



255, 247, 241

Sweetspot

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



236, 255, 248



250, 255, 253



243, 255, 236



125, 128, 127



0, 0, 0



128, 128, 128

Same Dimension

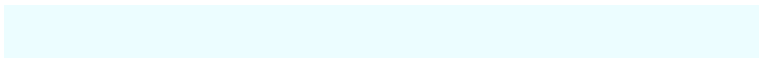
The Same Dimension uses a secret algorithm to generate beautiful new colors.



236, 255, 248



232, 255, 247



236, 253, 255



115, 128, 123



0, 191, 121



0, 64, 40

Inverse Universe

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



255, 236, 243



255, 232, 241



255, 238, 236



128, 115, 119



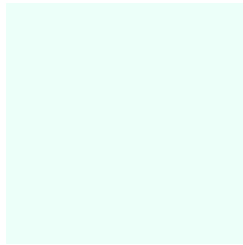
191, 0, 70



64, 0, 23

Previews

White Background



This preview shows how the RGB color 236, 255, 248 looks on a white background.

Color Contrast Check

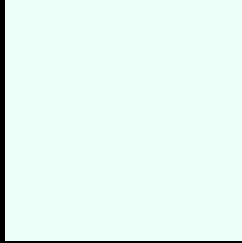
Large Text (above 18pt) WCAG AA × Fail

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 236, 255, 248 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

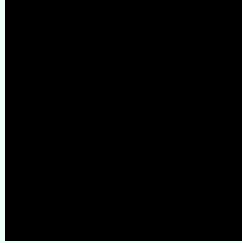
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

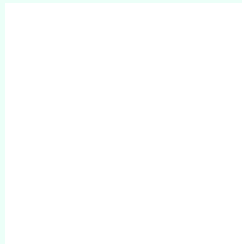
Any Text WCAG AAA ✓ Pass

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

RGB 236, 255, 248 Background



This preview shows how black text looks on a background with the RGB color 236, 255, 248.

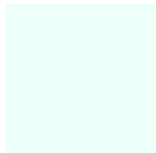


This preview shows how white text looks on a background with the RGB color 236, 255, 248.

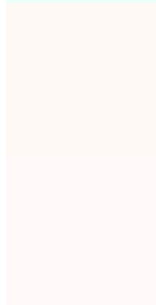
Color Blindness Simulation

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
236, 255, 248



Protanopia
255, 249, 246

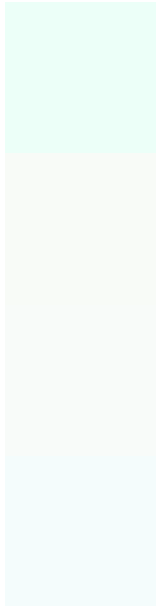
Deuteranopia
255, 249, 250



Tritanopia

248, 251, 255

Trichromacy



Original Color

236, 255, 248

Protanomaly

248, 251, 247

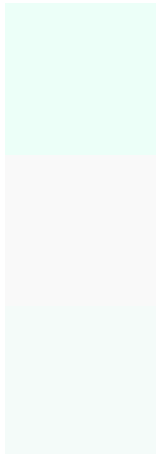
Deuteranomaly

248, 251, 249

Tritanomaly

244, 252, 252

Monochromacy



Original Color

236, 255, 248

Achromatopsia

249, 249, 249

Achromatomaly

244, 251, 249

CSS Examples

Text

The CSS property to change the color of the text to RGB 236, 255, 248 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(236, 255, 248)` looks like.

```
.text, #text, p{  
    color:rgb(236, 255, 248)  
}
```

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(236, 255, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 255, 248) }
```

Border

The CSS property to change the border of an element to RGB 236, 255, 248 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(236, 255, 248) }
```

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

```
.border{ border-color:rgb(236, 255, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 255, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(236, 255, 248); -webkit-box-shadow:4px 4px 4px 4px rgb(236, 255, 248); box-shadow:4px 4px 4px 4px rgb(236, 255, 248) }
```

Background

The CSS property to change the background color of an element to RGB 236, 255, 248 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 255, 248) }
```

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

```
.background{ background-color: rgb(236,  
255, 248) }
```

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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