

Converting Colors

RGB(228, 246, 251)

Have a look what the booklet for
RGB(228, 246, 251) contains.

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Color

RGB(228, 246, 251)

Conversions

Conversions Part 1

Format	Color
Hex	E4F6FB
RGB	228, 246, 251
RGB Percent	89%, 96%, 98%
CMY	0.1059, 0.0353, 0.0157
CMYK	0.09, 0.02, 0.00, 0.02
HSL	193°, 74%, 94%
HSV	193°, 9%, 98%
XYZ	82.3633, 89.3705, 104.1760
YIQ	241.1880, -12.3330, -2.2610

Conversions

Conversions Part 2

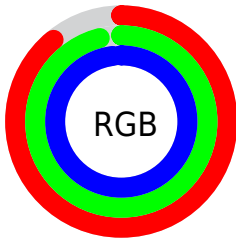
Format	Color
RYB	228, 238, 251
Decimal	15005435
CIELab	95.74, -4.93, -4.43
CIElCh	96, 6.625, 221.948
Yxy	89.3705, 0.2985, 0.3239
Android (android.graphics.Color)	4293195515 (0xFFE4F6FB)
YUV	241.1880, 4.8373, -11.5659
Hunter-Lab	94.5360, -9.9222, 0.8393

Details

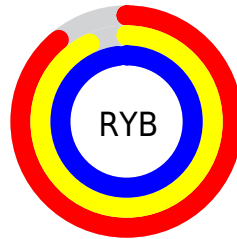
The RGB color **228, 246, 251** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **251, 233, 228**, and the grayscale version is **241, 241, 241**.

A 20% lighter version of the original color is 255, 255, 255, and **172, 190, 195** is the 20% darker color. If you saturate the color by 10%, you get **203, 241, 251**, and if you desaturate by 10%, it is 253, 251, 251.

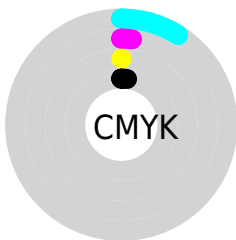
Distribution



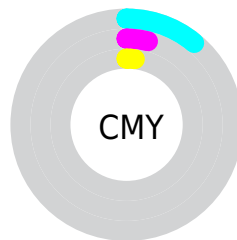
- Red (89%)
- Green (96%)
- Blue (98%)



- Red (89%)
- Yellow (93%)
- Blue (98%)



- Cyan (9%)
- Magenta (2%)
- Yellow (0%)
- Black (2%)



- Cyan (11%)
- Magenta (4%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the RGB color 228, 246, 251 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, 246, 251 by changing the saturation by 10% instead.


 228, 246, 251


255, 255, 255


 228, 246, 251


 200, 218, 222

 172, 190, 195

 146, 163, 167

 120, 136, 141

 95, 111, 115

 71, 87, 91

 49, 63, 67

 27, 42, 45

 3, 21, 25

 228, 246, 251

 228, 246, 251

 203, 241, 251

 253, 251, 251

 178, 235, 251

 255, 255, 251

 153, 230, 251

 128, 224, 251

 103, 219, 251

 77, 213, 251

 52, 208, 251

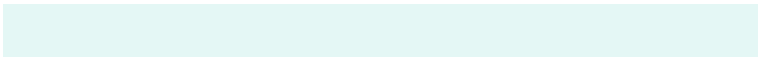
 27, 202, 251

 2, 197, 251

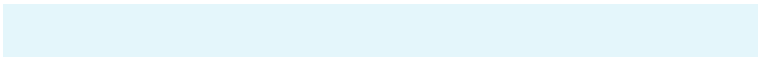
Harmonies

Analogous

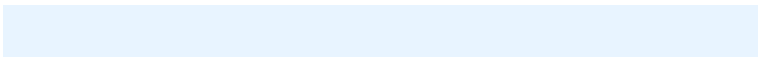
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



228, 247, 245



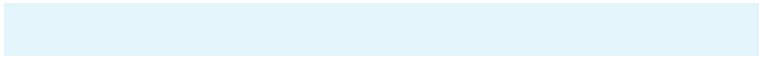
228, 246, 251



232, 244, 255

Triad

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



228, 246, 251



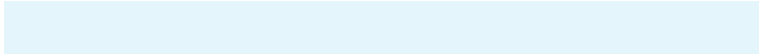
254, 239, 247



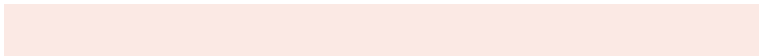
246, 243, 230

Complementary

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



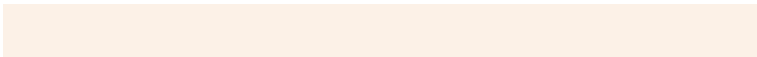
228, 246, 251



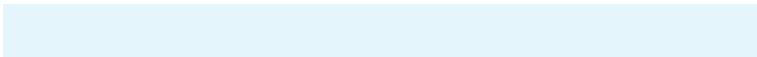
251, 233, 228

Split Complementary

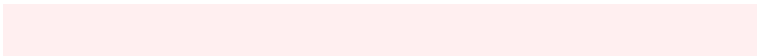
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



252, 241, 231



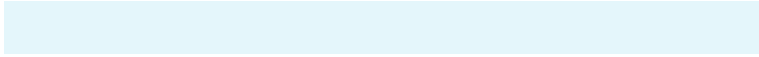
228, 246, 251



255, 239, 240

Square

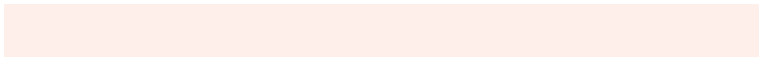
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



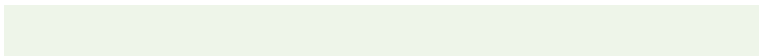
228, 246, 251



247, 240, 252



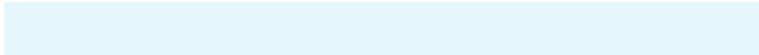
255, 239, 234



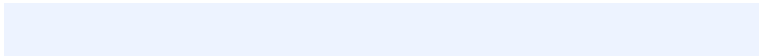
238, 245, 233

Rectangle

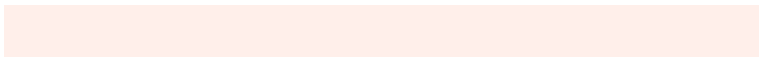
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



228, 246, 251



237, 243, 255



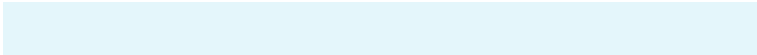
255, 239, 234



248, 242, 230

Sweetspot

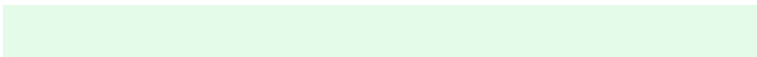
The Sweet Spot groups the original color and five complimentary colors.



228, 246, 251



247, 253, 255



228, 251, 233



122, 126, 128



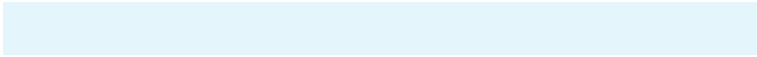
0, 0, 0



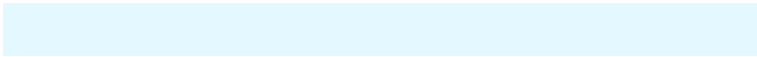
128, 128, 128

Same Dimension

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



228, 246, 251



227, 249, 255



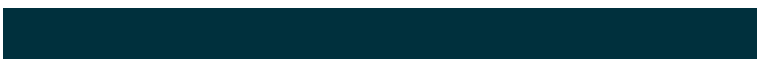
228, 235, 251



112, 122, 125



0, 148, 189



0, 48, 61

Inverse Universe

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



251, 228, 246



255, 227, 249



251, 244, 228



125, 112, 122



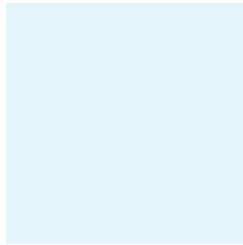
189, 0, 148



61, 0, 48

Previews

White Background



This preview shows how the RGB color 228, 246, 251 looks on a white background.

Color Contrast Check

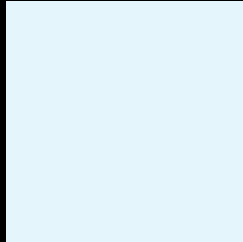
Large Text (above 18pt) WCAG AA × Fail

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, 246, 251 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

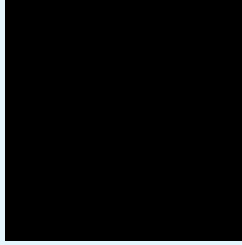
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

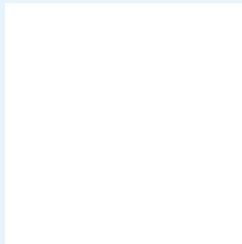
Any Text WCAG AAA ✓ Pass

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

RGB 228, 246, 251 Background



This preview shows how black text looks on a background with the RGB color 228, 246, 251.



This preview shows how white text looks on a background with the RGB color 228, 246, 251.

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

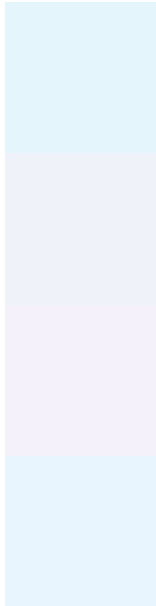
	Original Color 228, 246, 251
	Protanopia 245, 241, 248
	Deuteranopia 255, 238, 250



Tritanopia

235, 243, 255

Trichromacy



Original Color

228, 246, 251

Protanomaly

239, 243, 249

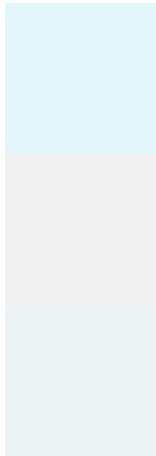
Deuteranomaly

245, 241, 250

Tritanomaly

232, 244, 254

Monochromacy



Original Color

228, 246, 251

Achromatopsia

241, 241, 241

Achromatomaly

236, 243, 245

CSS Examples

Text

The CSS property to change the color of the text to RGB 228, 246, 251 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, 246, 251)` looks like.

```
.text, #text, p{  
    color:rgb(228, 246, 251)  
}
```

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, 246, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 246, 251) }
```

Border

The CSS property to change the border of an element to RGB 228, 246, 251 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, 246, 251) }
```

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

```
.border{ border-color:rgb(228, 246, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 246, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 246, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 246, 251);  
box-shadow:4px 4px 4px 4px rgb(228, 246,  
251) }
```

Background

The CSS property to change the background color of an element to RGB 228, 246, 251 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 246, 251) }
```

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

```
.background{ background-color: rgb(228,  
246, 251) }
```

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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