

Converting Colors

RGB(228, 255, 241)

Have a look what the booklet for
RGB(228, 255, 241) contains.

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Color

RGB(228, 255, 241)

Conversions

Conversions Part 1

Format	Color
Hex	E4FFF1
RGB	228, 255, 241
RGB Percent	89%, 100%, 95%
CMY	0.1059, 0.0000, 0.0549
CMYK	0.11, 0.00, 0.05, 0.00
HSL	149°, 100%, 95%
HSV	149°, 11%, 100%
XYZ	83.6321, 94.3649, 97.0254
YIQ	245.3310, -11.5980, -10.0780

Conversions

Conversions Part 2

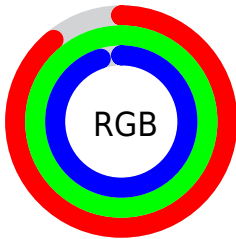
Format	Color
R_{YB}	228, 246, 255
Decimal	15007729
CIE _{Lab}	97.78, -11.30, 3.71
CIE _{LCh}	98, 11.895, 161.821
Y _{xy}	94.3649, 0.3041, 0.3431
Android (android.graphics.Color)	4293197809 (0xFFE4FFF1)
YUV	245.3310, -2.1352, -15.1993
Hunter-Lab	97.1416, -16.3218, 8.7800

Details

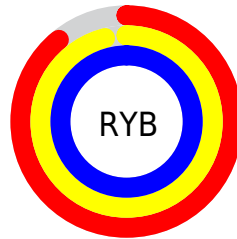
The RGB color **228, 255, 241** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **255, 228, 242**, and the grayscale version is **245, 245, 245**.

A 20% lighter version of the original color is **255, 255, 255**, and **172, 198, 185** is the 20% darker color. If you saturate the color by 10%, you get **203, 255, 228**, and if you desaturate by 10%, it is **254, 255, 254**.

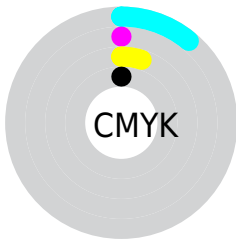
Distribution



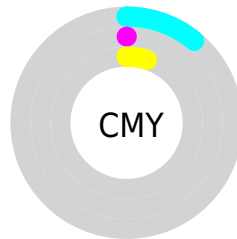
- Red (89%)
- Green (100%)
- Blue (95%)



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



- Cyan (11%)
- Magenta (0%)
- Yellow (5%)
- Black (0%)



- Cyan (11%)
- Magenta (0%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the RGB color 228, 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 228, 255, 241 by changing the saturation by 10% instead.

 228, 255, 241


 228, 255, 241


255, 255, 255


 200, 226, 213


 172, 198, 185

 146, 171, 158

 120, 144, 132

 95, 119, 107

 71, 94, 83

 48, 70, 60

 27, 48, 38

 3, 27, 17

 228, 255, 241

 228, 255, 241

 203, 255, 228

254, 255, 254

 177, 255, 215

255, 255, 255

 152, 255, 201

 126, 255, 188

 101, 255, 175

 75, 255, 162

 50, 255, 148

 24, 255, 135

 0, 255, 123

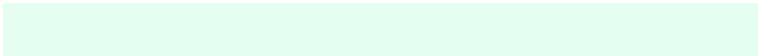
Harmonies

Analogous

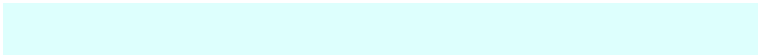
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



240, 253, 231



228, 255, 241



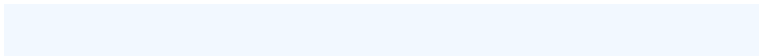
221, 255, 253

Triad

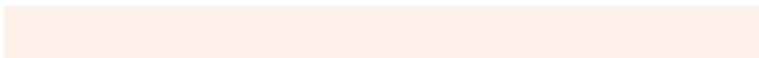
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



228, 255, 241



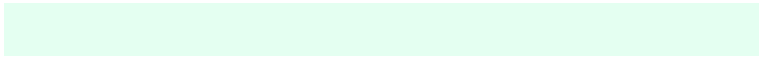
242, 248, 255



255, 242, 234

Complementary

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



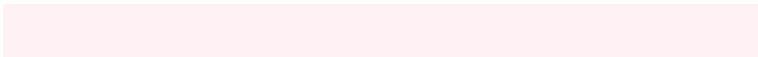
228, 255, 241



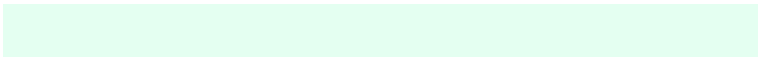
255, 228, 242

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, 244



228, 255, 241



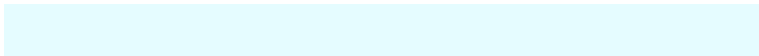
255, 244, 255

Square

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



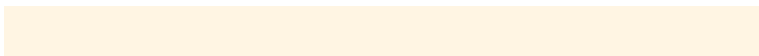
228, 255, 241



229, 252, 255



255, 242, 255



255, 245, 227

Rectangle

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



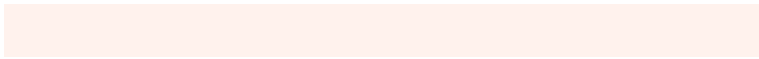
228, 255, 241



220, 255, 255



255, 242, 255



255, 242, 237

Sweetspot

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



228, 255, 241



247, 255, 251



242, 255, 228



122, 128, 125



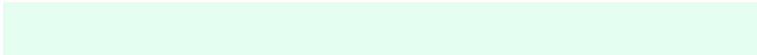
0, 0, 0



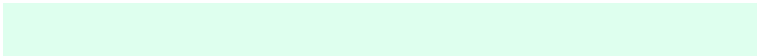
128, 128, 128

Same Dimension

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



228, 255, 241



222, 255, 238



228, 255, 254



115, 128, 121



0, 191, 92



0, 64, 31

Inverse Universe

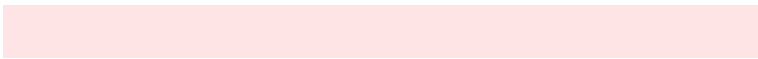
The Inverse Universe completely reimagines the original color for something new.



255, 228, 242



255, 222, 239



255, 228, 229



128, 115, 121



191, 0, 99



64, 0, 33

Previews

White Background



This preview shows how the RGB color 228, 255, 241 looks on a white background.

Color Contrast Check

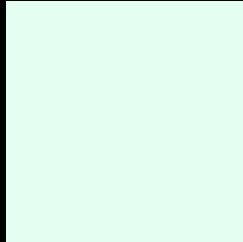
Large Text (above 18pt) WCAG AA × Fail

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 228, 255, 241 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

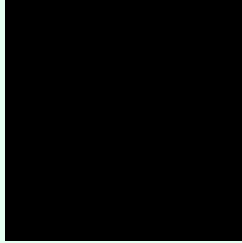
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

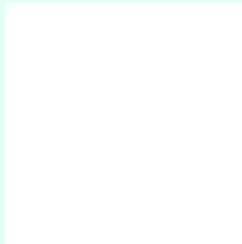
Any Text WCAG AAA ✓ Pass

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

RGB 228, 255, 241 Background



This preview shows how black text looks on a background with the RGB color 228, 255, 241.

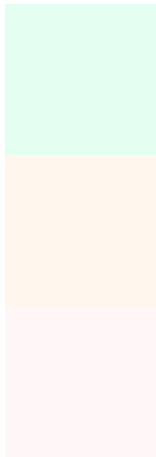


This preview shows how white text looks on a background with the RGB color 228, 255, 241.

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
228, 255, 241

Protanopia
255, 247, 237

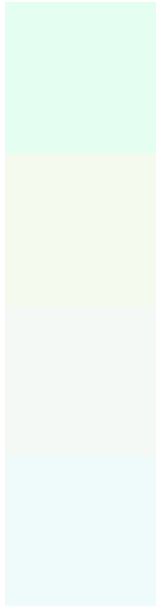
Deuteranopia
255, 246, 247



Tritanopia

244, 249, 255

Trichromacy



Original Color

228, 255, 241

Protanomaly

245, 250, 238

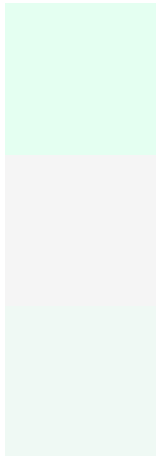
Deuteranomaly

245, 249, 245

Tritanomaly

238, 251, 250

Monochromacy



Original Color

228, 255, 241

Achromatopsia

245, 245, 245

Achromatomaly

239, 249, 244

CSS Examples

Text

The CSS property to change the color of the text to RGB 228, 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(228, 255, 241)` looks like.

```
.text, #text, p{  
    color:rgb(228, 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(228, 255, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 255, 241) }
```

Border

The CSS property to change the border of an element to RGB 228, 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(228, 255, 241) }
```

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

```
.border{ border-color:rgb(228, 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(228, 255, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 255, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 255, 241);  
box-shadow:4px 4px 4px 4px rgb(228, 255,  
241) }
```

Background

The CSS property to change the background color of an element to RGB 228, 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(228, 255, 241) }
```

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

```
.background{ background-color: rgb(228,  
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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