

Converting Colors

RGB(227, 255, 242)

Have a look what the booklet for
RGB(227, 255, 242) contains.

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Color

RGB(227, 255, 242)

Conversions

Conversions Part 1

Format	Color
Hex	E3FFF2
RGB	227, 255, 242
RGB Percent	89%, 100%, 95%
CMY	0.1098, 0.0000, 0.0510
CMYK	0.11, 0.00, 0.05, 0.00
HSL	152°, 100%, 95%
HSV	152°, 11%, 100%
XYZ	83.4656, 94.2617, 97.7996
YIQ	245.1460, -12.5150, -9.9790

Conversions

Conversions Part 2

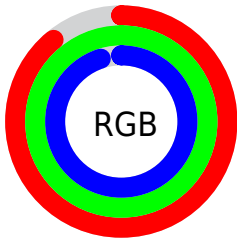
Format	Color
R _Y B	227, 245, 255
Decimal	14942194
CIE Lab	97.74, -11.44, 3.13
CIE LCh	98, 11.861, 164.703
Yxy	94.2617, 0.3029, 0.3421
Android (android.graphics.Color)	4293132274 (0xFFE3FFF2)
YUV	245.1460, -1.5510, -15.9140
Hunter-Lab	97.0885, -16.4509, 8.2376

Details

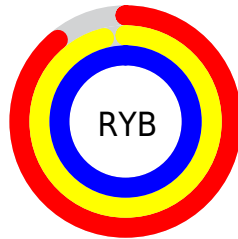
The RGB color **227, 255, 242** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **255, 227, 240**, and the grayscale version is **245, 245, 245**.

A 20% lighter version of the original color is **255, 255, 255**, and **171, 198, 186** is the 20% darker color. If you saturate the color by 10%, you get **202, 255, 230**, and if you desaturate by 10%, it is **252, 255, 254**.

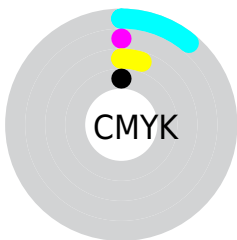
Distribution



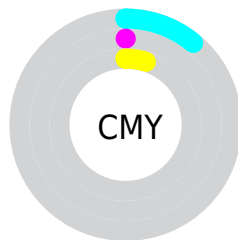
- Red (89%)
- Green (100%)
- Blue (95%)



- 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 227, 255, 242 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 227, 255, 242 by changing the saturation by 10% instead.

 227, 255, 242

255, 255, 255


 227, 255, 242

 199, 226, 214

 171, 198, 186

 145, 171, 159

 119, 144, 133

 94, 119, 108

 70, 94, 83

 47, 70, 60

 26, 48, 39

 2, 27, 18

 227, 255, 242

 227, 255, 242

 202, 255, 230

 252, 255, 254

 176, 255, 218

 255, 255, 255

 150, 255, 206

 125, 255, 195

 99, 255, 183

 74, 255, 171

 49, 255, 159

 23, 255, 147

 0, 255, 137

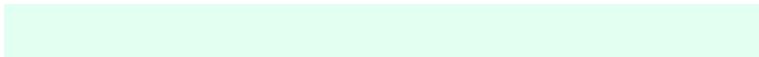
Harmonies

Analogous

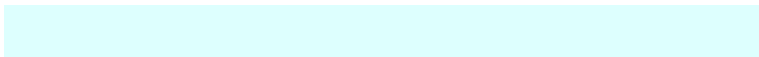
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



239, 253, 232



227, 255, 242



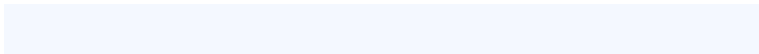
221, 255, 254

Triad

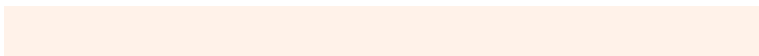
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



227, 255, 242



244, 248, 255



255, 242, 233

Complementary

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



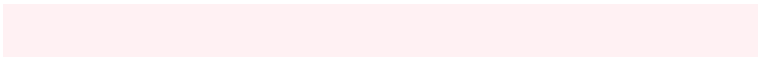
227, 255, 242



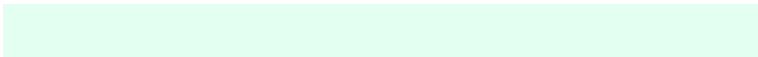
255, 227, 240

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, 243



227, 255, 242



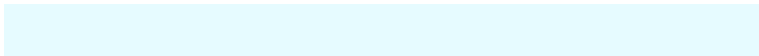
255, 244, 255

Square

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



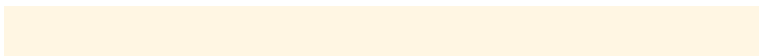
227, 255, 242



230, 251, 255



255, 241, 255



255, 246, 227

Rectangle

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



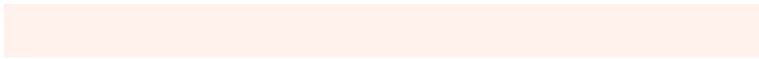
227, 255, 242



220, 255, 255



255, 241, 255



255, 242, 236

Sweetspot

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



227, 255, 242



247, 255, 251



240, 255, 227



122, 128, 125



0, 0, 0



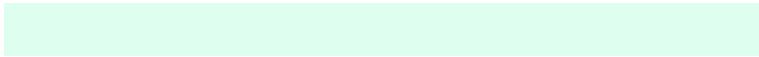
128, 128, 128

Same Dimension

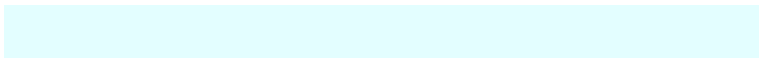
The Same Dimension uses a secret algorithm to generate beautiful new colors.



227, 255, 242



222, 255, 240



227, 254, 255



115, 128, 122



0, 191, 102



0, 64, 34

Inverse Universe

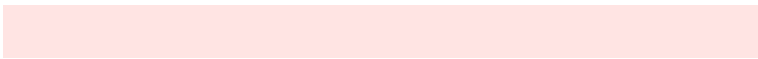
The Inverse Universe completely reimagines the original color for something new.



255, 227, 240



255, 222, 237



255, 228, 227



128, 115, 121



191, 0, 89



64, 0, 30

Previews

White Background



This preview shows how the RGB color 227, 255, 242 looks on a white background.

Color Contrast Check

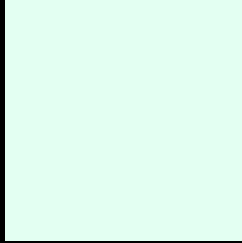
Large Text (above 18pt) WCAG AA × Fail

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 227, 255, 242 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

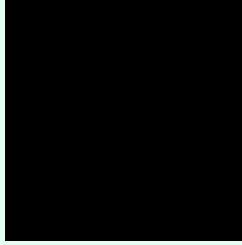
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

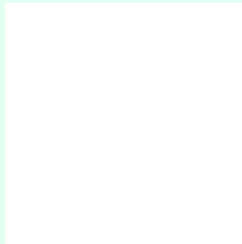
Any Text WCAG AAA ✓ Pass

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

RGB 227, 255, 242 Background



This preview shows how black text looks on a background with the RGB color 227, 255, 242.

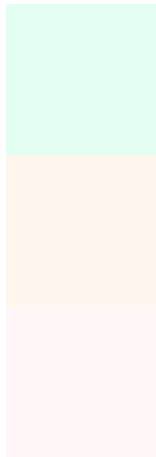


This preview shows how white text looks on a background with the RGB color 227, 255, 242.

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
227, 255, 242

Protanopia
255, 247, 238

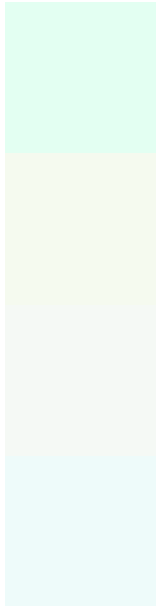
Deuteranopia
255, 246, 247



Tritanopia

244, 249, 255

Trichromacy



Original Color

227, 255, 242

Protanomaly

245, 250, 239

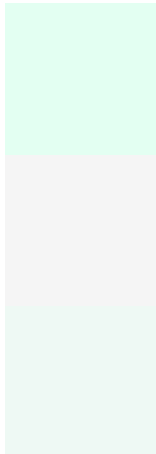
Deuteranomaly

245, 249, 245

Tritanomaly

238, 251, 250

Monochromacy



Original Color

227, 255, 242

Achromatopsia

245, 245, 245

Achromatomaly

238, 249, 244

CSS Examples

Text

The CSS property to change the color of the text to RGB 227, 255, 242 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(227, 255, 242)` looks like.

```
.text, #text, p{  
    color:rgb(227, 255, 242)  
}
```

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(227, 255, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 255, 242) }
```

Border

The CSS property to change the border of an element to RGB 227, 255, 242 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(227, 255, 242) }
```

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

```
.border{ border-color:rgb(227, 255, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 255, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 255, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 255, 242);  
box-shadow:4px 4px 4px 4px rgb(227, 255,  
242) }
```

Background

The CSS property to change the background color of an element to RGB 227, 255, 242 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 255, 242) }
```

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

```
.background{ background-color: rgb(227,  
255, 242) }
```

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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