

Converting Colors

RGB(222, 245, 235)

Have a look what the booklet for
RGB(222, 245, 235) contains.

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Color

RGB(222, 245, 235)

Conversions

Conversions Part 1

Format	Color
Hex	DEF5EB
RGB	222, 245, 235
RGB Percent	87%, 96%, 92%
CMY	0.1294, 0.0392, 0.0784
CMYK	0.09, 0.00, 0.04, 0.04
HSL	154°, 53%, 92%
HSV	154°, 9%, 96%
XYZ	77.7720, 86.8326, 91.2586
YIQ	236.9830, -10.4980, -7.9860

Conversions

Conversions Part 2

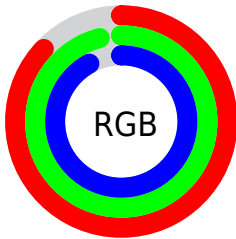
Format	Color
R _Y B	222, 237, 245
Decimal	14611947
CIE Lab	94.67, -9.35, 2.24
CIE LCh	95, 9.616, 166.545
Yxy	86.8326, 0.3040, 0.3394
Android (android.graphics.Color)	4292802027 (0xFFDEF5EB)
YUV	236.9830, -0.9776, -13.1401
Hunter-Lab	93.1840, -14.0947, 7.1639

Details

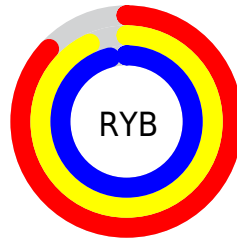
The RGB color **222, 245, 235** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **245, 222, 232**, and the grayscale version is **237, 237, 237**.

A 20% lighter version of the original color is **255, 255, 255**, and **167, 189, 179** is the 20% darker color. If you saturate the color by 10%, you get **198, 245, 224**, and if you desaturate by 10%, it is **247, 245, 246**.

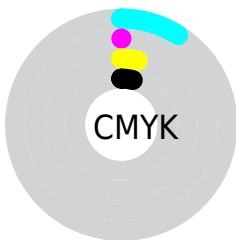
Distribution



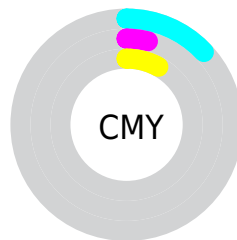
- Red (87%)
- Green (96%)
- Blue (92%)



- Red (87%)
- Yellow (93%)
- Blue (96%)



- Cyan (9%)
- Magenta (0%)
- Yellow (4%)
- Black (4%)



- Cyan (13%)
- Magenta (4%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the RGB color 222, 245, 235 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 222, 245, 235 by changing the saturation by 10% instead.

■ 222, 245, 235

255, 255, 255

■ 222, 245, 235

■ 194, 217, 207

■ 167, 189, 179

■ 140, 162, 153

■ 115, 135, 127

■ 90, 110, 102

■ 66, 86, 78

■ 44, 62, 55

■ 23, 41, 34

■ 0, 21, 11

 222, 245, 235

 222, 245, 235

 198, 245, 224

 247, 245, 246

 173, 245, 214

 255, 245, 255

 149, 245, 203

 124, 245, 192

 100, 245, 182

 75, 245, 171

 51, 245, 160

 26, 245, 150

 2, 245, 139

Harmonies

Analogous

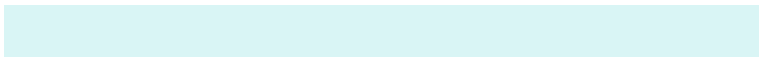
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



231, 243, 227



222, 245, 235



217, 245, 245

Triad

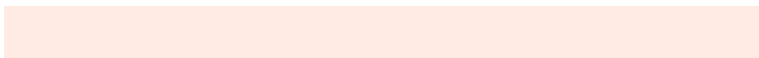
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



222, 245, 235



237, 239, 255



255, 235, 227

Complementary

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



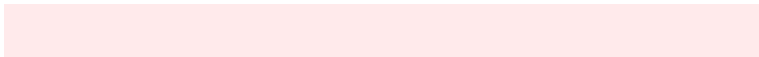
222, 245, 235



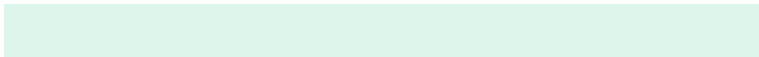
245, 222, 232

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, 234, 235



222, 245, 235



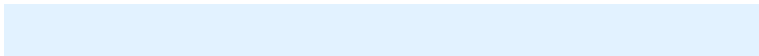
248, 236, 252

Square

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



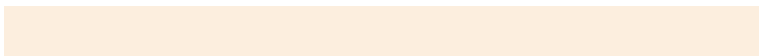
222, 245, 235



226, 242, 255



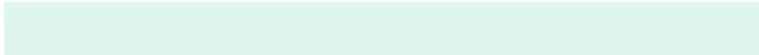
255, 234, 244



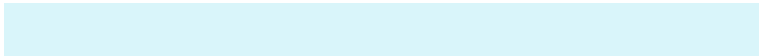
252, 238, 222

Rectangle

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



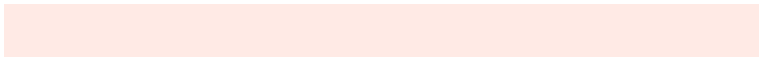
222, 245, 235



217, 245, 250



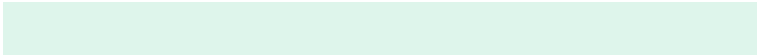
255, 234, 244



255, 234, 229

Sweetspot

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



222, 245, 235



247, 255, 252



232, 245, 222



122, 128, 125



0, 0, 0



128, 128, 128

Same Dimension

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



222, 245, 235



227, 255, 243



222, 244, 245



110, 122, 117



0, 186, 105



0, 59, 33

Inverse Universe

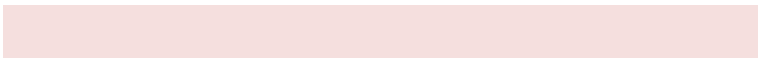
The Inverse Universe completely reimagines the original color for something new.



245, 222, 232



255, 227, 239



245, 223, 222



122, 110, 115



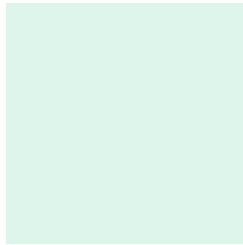
186, 0, 81



59, 0, 26

Previews

White Background



This preview shows how the RGB color 222, 245, 235 looks on a white background.

Color Contrast Check

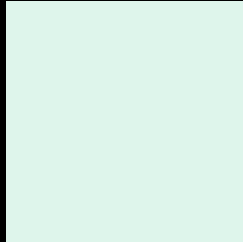
Large Text (above 18pt) WCAG AA × Fail

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 222, 245, 235 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

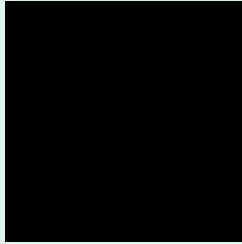
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

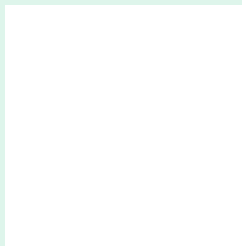
Any Text WCAG AAA ✓ Pass

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

RGB 222, 245, 235 Background



This preview shows how black text looks on a background with the RGB color 222, 245, 235.



This preview shows how white text looks on a background with the RGB color 222, 245, 235.

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

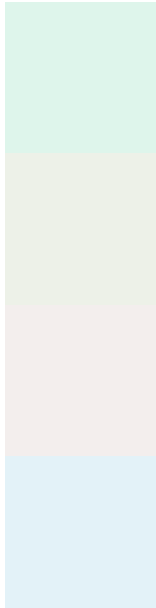




Tritanopia

230, 241, 255

Trichromacy



Original Color

222, 245, 235

Protanomaly

237, 241, 232

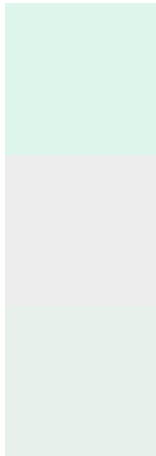
Deuteranomaly

243, 238, 237

Tritanomaly

227, 242, 248

Monochromacy



Original Color

222, 245, 235

Achromatopsia

237, 237, 237

Achromatomaly

232, 240, 236

CSS Examples

Text

The CSS property to change the color of the text to RGB 222, 245, 235 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(222, 245, 235)` looks like.

```
.text, #text, p{  
    color:rgb(222, 245, 235)  
}
```

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(222, 245, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 245, 235) }
```

Border

The CSS property to change the border of an element to RGB 222, 245, 235 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(222, 245, 235) }
```

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

```
.border{ border-color:rgb(222, 245, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 245, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 245, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 245, 235);  
box-shadow:4px 4px 4px 4px rgb(222, 245,  
235) }
```

Background

The CSS property to change the background color of an element to RGB 222, 245, 235 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 245, 235) }
```

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

```
.background{ background-color: rgb(222,  
245, 235) }
```

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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