

Converting Colors

RGB(222, 246, 238)

Have a look what the booklet for
RGB(222, 246, 238) contains.

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Color

RGB(222, 246, 238)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | DEF6EE |
| RGB | 222, 246, 238 |
| RGB Percent | 87%, 96%, 93% |
| CMY | 0.1294, 0.0353, 0.0667 |
| CMYK | 0.10, 0.00, 0.03, 0.04 |
| HSL | 160°, 57%, 92% |
| HSV | 160°, 10%, 96% |
| XYZ | 78.5126, 87.6142, 93.6621 |
| YIQ | 237.9120, -11.7360, -7.5760 |

Conversions

Conversions Part 2

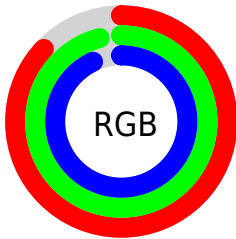
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 222, 236, 246 |
| Decimal | 14612206 |
| CIE Lab | 95.00, -9.30, 1.17 |
| CIE LCh | 95, 9.372, 172.846 |
| Yxy | 87.6142, 0.3022, 0.3373 |
| Android (android.graphics.Color) | 4292802286 (0xFFDEF6EE) |
| YUV | 237.9120, 0.0434, -13.9548 |
| Hunter-Lab | 93.6024, -14.0807, 6.1939 |

Details

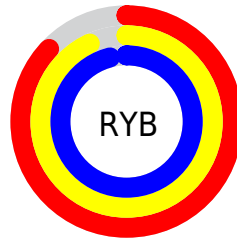
The RGB color **222, 246, 238** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **246, 222, 230**, and the grayscale version is **238, 238, 238**.

A 20% lighter version of the original color is **255, 255, 255**, and **167, 190, 182** is the 20% darker color. If you saturate the color by 10%, you get **197, 246, 230**, and if you desaturate by 10%, it is **247, 246, 246**.

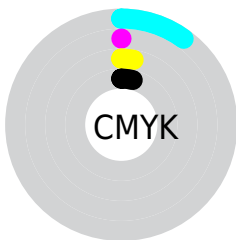
Distribution



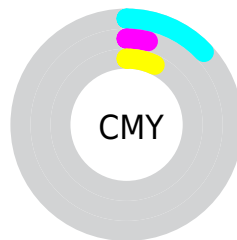
- Red (87%)
- Green (96%)
- Blue (93%)



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



- Cyan (10%)
- Magenta (0%)
- Yellow (3%)
- Black (4%)



- Cyan (13%)
- Magenta (4%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the RGB color 222, 246, 238 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, 246, 238 by changing the saturation by 10% instead.

■ 222, 246, 238

255, 255, 255

■ 222, 246, 238

■ 194, 218, 210

■ 167, 190, 182

■ 140, 163, 155

■ 115, 136, 129

■ 90, 111, 104

■ 66, 87, 80

■ 44, 63, 57

■ 23, 41, 36

■ 0, 21, 14

 222, 246, 238

 222, 246, 238

 197, 246, 230

 247, 246, 246

 173, 246, 222

 255, 246, 254

 148, 246, 213

 255, 246, 255

 124, 246, 205

 99, 246, 197

 74, 246, 189

 50, 246, 181

 25, 246, 172

 1, 246, 164

Harmonies

Analogous

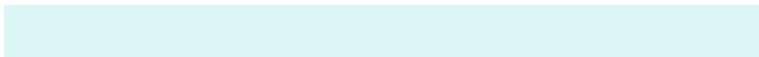
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



230, 245, 229



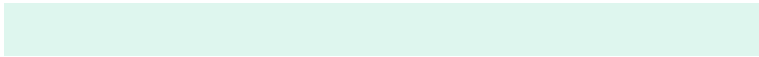
222, 246, 238



219, 246, 247

Triad

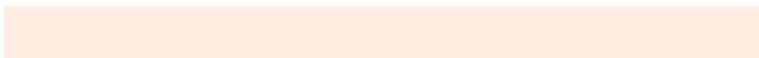
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



222, 246, 238



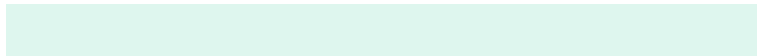
240, 239, 255



255, 236, 226

Complementary

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



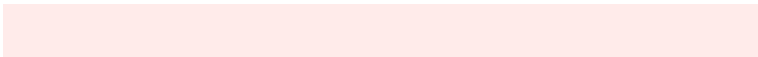
222, 246, 238



246, 222, 230

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, 235, 234



222, 246, 238



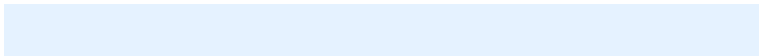
251, 236, 252

Square

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



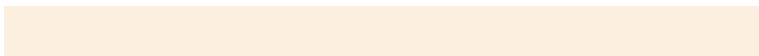
222, 246, 238



229, 242, 255



255, 235, 243



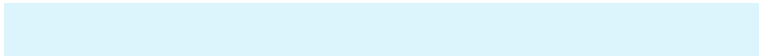
251, 239, 223

Rectangle

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



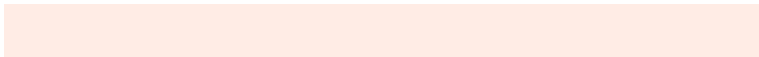
222, 246, 238



220, 245, 253



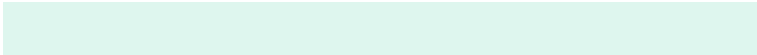
255, 235, 243



255, 236, 229

Sweetspot

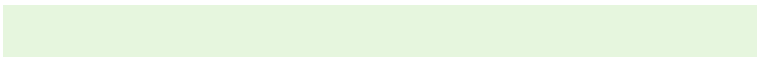
The Sweet Spot groups the original color and five complimentary colors.



222, 246, 238



247, 255, 252



230, 246, 222



122, 128, 126



0, 0, 0



128, 128, 128

Same Dimension

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



222, 246, 238



224, 255, 245



222, 242, 246



110, 122, 118



0, 186, 124



0, 59, 39

Inverse Universe

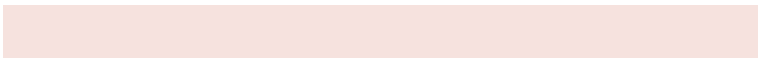
The Inverse Universe completely reimagines the original color for something new.



246, 222, 230



255, 224, 235



246, 226, 222



122, 110, 114



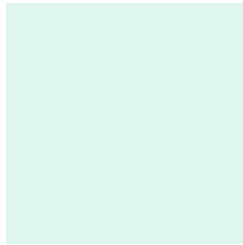
186, 0, 62



59, 0, 20

Previews

White Background



This preview shows how the RGB color 222, 246, 238 looks on a white background.

Color Contrast Check

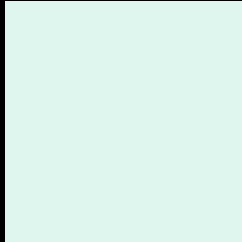
Large Text (above 18pt) WCAG AA × Fail

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, 246, 238 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

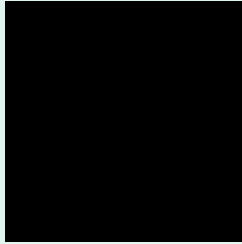
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

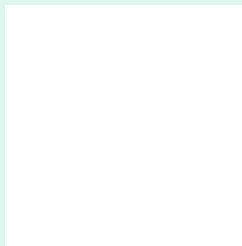
Any Text WCAG AAA ✓ Pass

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

RGB 222, 246, 238 Background



This preview shows how black text looks on a background with the RGB color 222, 246, 238.



This preview shows how white text looks on a background with the RGB color 222, 246, 238.

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](#).

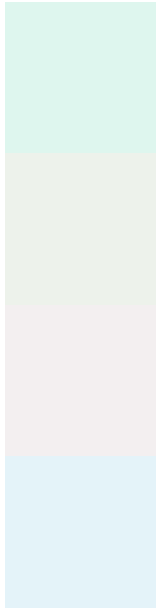
Dichromacy





Tritanopia
231, 242, 255

Trichromacy



Original Color

222, 246, 238

Protanomaly

237, 242, 235

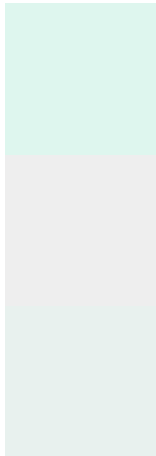
Deuteranomaly

243, 239, 240

Tritanomaly

228, 243, 249

Monochromacy



Original Color

222, 246, 238

Achromatopsia

238, 238, 238

Achromatomaly

232, 241, 238

CSS Examples

Text

The CSS property to change the color of the text to RGB 222, 246, 238 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, 246, 238)` looks like.

```
.text, #text, p{  
    color:rgb(222, 246, 238)  
}
```

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, 246, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 246, 238) }
```

Border

The CSS property to change the border of an element to RGB 222, 246, 238 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, 246, 238) }
```

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

```
.border{ border-color:rgb(222, 246, 238) }
```

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

Here you see how a box with a 4 pixel rgb(222, 246, 238) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 246, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 246, 238);  
box-shadow:4px 4px 4px 4px rgb(222, 246,  
238) }
```

Background

The CSS property to change the background color of an element to RGB 222, 246, 238 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 246, 238) }
```

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

```
.background{ background-color: rgb(222,  
246, 238) }
```

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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