

Converting Colors

RGB(221, 238, 226)

Have a look what the booklet for
RGB(221, 238, 226) contains.

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Color

RGB(221, 238, 226)

Conversions

Conversions Part 1

Format	Color
Hex	DDEEE2
RGB	221, 238, 226
RGB Percent	87%, 93%, 89%
CMY	0.1333, 0.0667, 0.1137
CMYK	0.07, 0.00, 0.05, 0.07
HSL	138°, 33%, 90%
HSV	138°, 7%, 93%
XYZ	74.1208, 82.0122, 83.8749
YIQ	231.5490, -6.2800, -7.3360

Conversions

Conversions Part 2

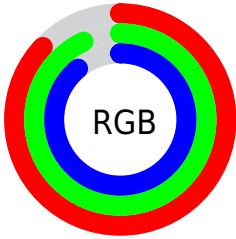
Format	Color
RYB	221, 234, 238
Decimal	14544610
CIELab	92.58, -7.79, 3.87
CIELCh	93, 8.700, 153.598
Yxy	82.0122, 0.3088, 0.3417
Android (android.graphics.Color)	4292734690 (0xFFDDEEE2)
YUV	231.5490, -2.7357, -9.2515
Hunter-Lab	90.5606, -12.3848, 8.4796

Details

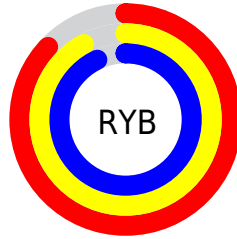
The RGB color **221, 238, 226** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **238, 221, 233**, and the grayscale version is **232, 232, 232**.

A 20% lighter version of the original color is 255, 255, 255, and **166, 182, 171** is the 20% darker color. If you saturate the color by 10%, you get **197, 238, 209**, and if you desaturate by 10%, it is **245, 238, 243**.

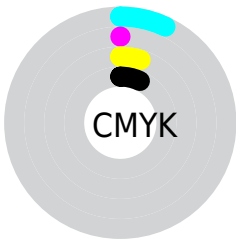
Distribution



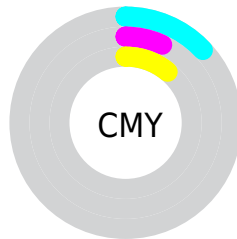
- Red (87%)
- Green (93%)
- Blue (89%)



- Red (87%)
- Yellow (92%)
- Blue (93%)



- Cyan (7%)
- Magenta (0%)
- Yellow (5%)
- Black (7%)



- Cyan (13%)
- Magenta (7%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the RGB color 221, 238, 226 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 221, 238, 226 by changing the saturation by 10% instead.

■ 221, 238, 226

255, 255, 255

■ 221, 238, 226

■ 193, 210, 198

■ 166, 182, 171

■ 140, 155, 144

■ 114, 129, 119

■ 89, 104, 94

■ 66, 80, 70

■ 44, 57, 48

■ 23, 36, 27

■ 0, 15, 0

 221, 238, 226

 221, 238, 226

 197, 238, 209

 245, 238, 243

 173, 238, 192

 255, 238, 255

 150, 238, 176

 126, 238, 159

 102, 238, 142

 78, 238, 125

 54, 238, 108

 31, 238, 92

 7, 238, 75

Harmonies

Analogous

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



230, 236, 220



221, 238, 226



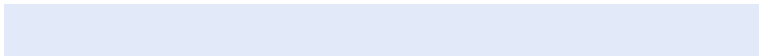
215, 239, 234

Triad

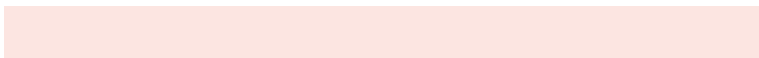
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



221, 238, 226



226, 234, 250



252, 229, 225

Complementary

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



221, 238, 226



238, 221, 233

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.



251, 228, 233



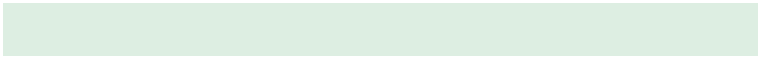
221, 238, 226



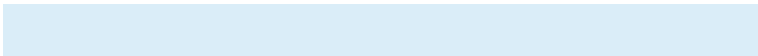
237, 231, 248

Square

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



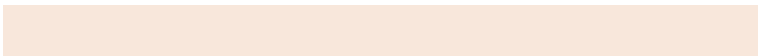
221, 238, 226



218, 237, 248



246, 229, 241



248, 231, 219

Rectangle

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



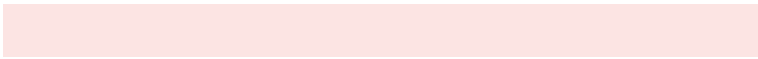
221, 238, 226



213, 239, 240



246, 229, 241



252, 228, 227

Sweetspot

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



221, 238, 226



250, 255, 251



233, 238, 221



125, 128, 126



0, 0, 0



128, 128, 128

Same Dimension

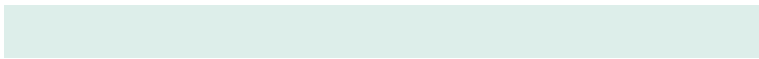
The Same Dimension uses a secret algorithm to generate beautiful new colors.



221, 238, 226



232, 255, 239



221, 238, 234



108, 120, 111



0, 184, 54



0, 56, 16

Inverse Universe

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



238, 221, 233



255, 232, 248



238, 221, 225



120, 108, 116



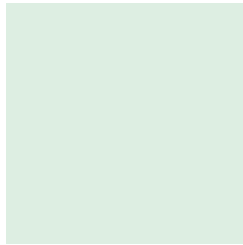
184, 0, 130



56, 0, 40

Previews

White Background



This preview shows how the RGB color 221, 238, 226 looks on a white background.

Color Contrast Check

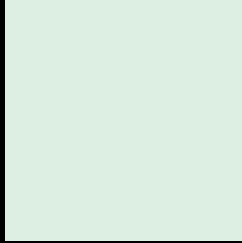
Large Text (above 18pt) WCAG AA × Fail

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 221, 238, 226 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

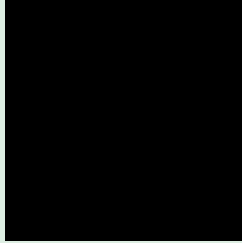
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

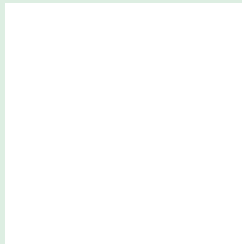
Any Text WCAG AAA ✓ Pass

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

RGB 221, 238, 226 Background



This preview shows how black text looks on a background with the RGB color 221, 238, 226.



This preview shows how white text looks on a background with the RGB color 221, 238, 226.

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](#).

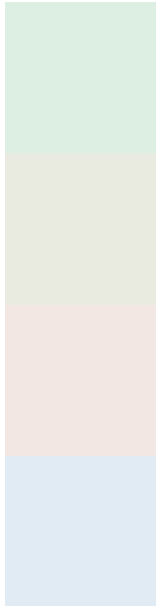
Dichromacy





Tritanopia
225, 234, 253

Trichromacy



Original Color

221, 238, 226

Protanomaly

233, 234, 224

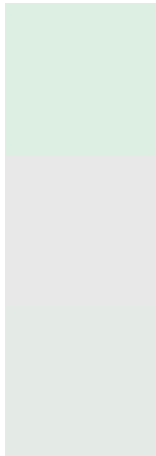
Deuteranomaly

243, 231, 228

Tritanomaly

224, 235, 243

Monochromacy



Original Color

221, 238, 226

Achromatopsia

232, 232, 232

Achromatomaly

228, 234, 230

CSS Examples

Text

The CSS property to change the color of the text to RGB 221, 238, 226 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(221, 238, 226)` looks like.

```
.text, #text, p{  
    color:rgb(221, 238, 226)  
}
```

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(221, 238, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 238, 226) }
```

Border

The CSS property to change the border of an element to RGB 221, 238, 226 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(221, 238, 226) }
```

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

```
.border{ border-color:rgb(221, 238, 226) }
```

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

Here you see how a box with a 4 pixel rgb(221, 238, 226) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 238, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 238, 226);  
box-shadow:4px 4px 4px 4px rgb(221, 238,  
226) }
```

Background

The CSS property to change the background color of an element to RGB 221, 238, 226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 238, 226) }
```

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

```
.background{ background-color: rgb(221,  
238, 226) }
```

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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