

Converting Colors

RGB(218, 236, 227)

Have a look what the booklet for
RGB(218, 236, 227) contains.

RGB(218, 236, 227)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(218, 236, 227)

Conversions

Conversions Part 1

Format	Color
Hex	DAECE3
RGB	218, 236, 227
RGB Percent	85%, 93%, 89%
CMY	0.1451, 0.0745, 0.1098
CMYK	0.08, 0.00, 0.04, 0.07
HSL	150°, 32%, 89%
HSV	150°, 8%, 93%
XYZ	72.7740, 80.4424, 84.3644
YIQ	229.5920, -7.8390, -6.6150

Conversions

Conversions Part 2

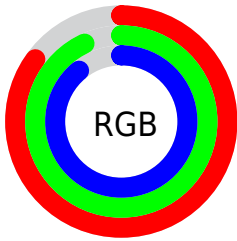
Format	Color
R_{YB}	218, 230, 236
Decimal	14347491
CIE _{Lab}	91.88, -7.59, 2.31
CIE _{LCh}	92, 7.936, 163.073
Yxy	80.4424, 0.3063, 0.3386
Android (android.graphics.Color)	4292537571 (0xFFDAECE3)
YUV	229.5920, -1.2779, -10.1662
Hunter-Lab	89.6897, -12.1224, 7.0131

Details

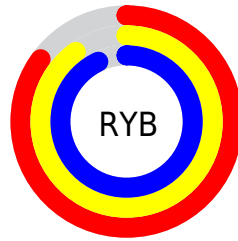
The RGB color **218, 236, 227** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **236, 218, 227**, and the grayscale version is **230, 230, 230**.

A 20% lighter version of the original color is 255, 255, 255, and **163, 180, 172** is the 20% darker color. If you saturate the color by 10%, you get **194, 236, 215**, and if you desaturate by 10%, it is **242, 236, 239**.

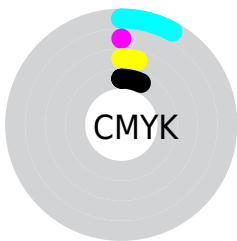
Distribution



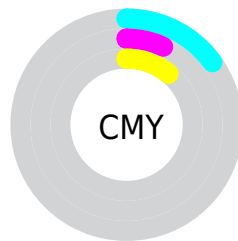
- Red (85%)
- Green (93%)
- Blue (89%)



- Red (85%)
- Yellow (90%)
- Blue (93%)



- Cyan (8%)
- Magenta (0%)
- Yellow (4%)
- Black (7%)



- Cyan (15%)
- Magenta (7%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the RGB color 218, 236, 227 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 218, 236, 227 by changing the saturation by 10% instead.

■ 218, 236, 227

255, 255, 255

■ 218, 236, 227

■ 190, 208, 199

■ 163, 180, 172

■ 137, 153, 145

■ 111, 127, 120

■ 87, 102, 95

■ 63, 78, 71

■ 41, 56, 49

■ 21, 34, 28

■ 0, 12, 1

 218, 236, 227

 218, 236, 227

 194, 236, 215

 242, 236, 239

 171, 236, 203

 255, 236, 251

 147, 236, 192

 255, 236, 255

 124, 236, 180

 100, 236, 168

 76, 236, 156

 53, 236, 144

 29, 236, 133

 6, 236, 121

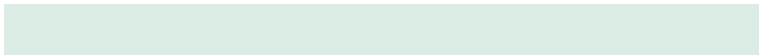
Harmonies

Analogous

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



226, 235, 220



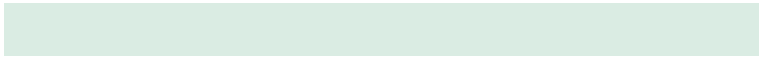
218, 236, 227



214, 236, 235

Triad

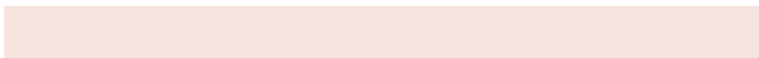
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



218, 236, 227



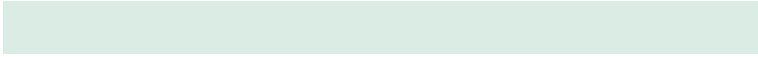
228, 231, 246



248, 228, 222

Complementary

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



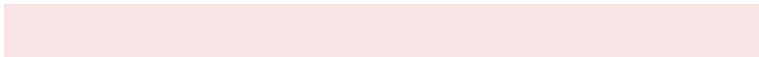
218, 236, 227



236, 218, 227

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.



248, 227, 229



218, 236, 227



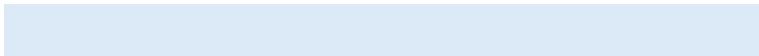
237, 229, 243

Square

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



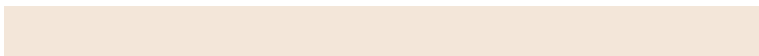
218, 236, 227



219, 234, 246



245, 227, 236



243, 230, 217

Rectangle

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



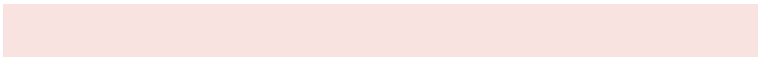
218, 236, 227



213, 236, 240



245, 227, 236



248, 227, 224

Sweetspot

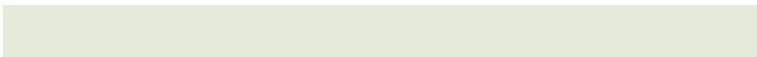
The Sweet Spot groups the original color and five complimentary colors.



218, 236, 227



250, 255, 252



227, 236, 218



125, 128, 126



0, 0, 0



128, 128, 128

Same Dimension

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



218, 236, 227



232, 255, 244



218, 236, 236



106, 117, 111



0, 181, 91



0, 54, 27

Inverse Universe

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



236, 218, 227



255, 232, 244



236, 218, 218



117, 106, 111



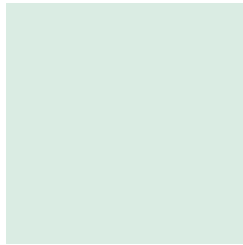
181, 0, 91



54, 0, 27

Previews

White Background



This preview shows how the RGB color 218, 236, 227 looks on a white background.

Color Contrast Check

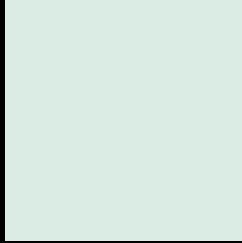
Large Text (above 18pt) WCAG AA × Fail

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 218, 236, 227 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

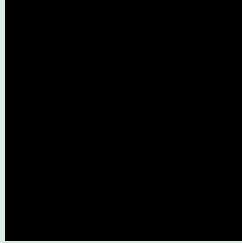
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

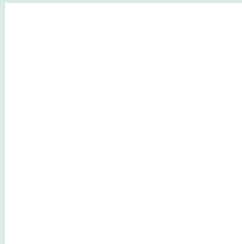
Any Text WCAG AAA ✓ Pass

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

RGB 218, 236, 227 Background



This preview shows how black text looks on a background with the RGB color 218, 236, 227.

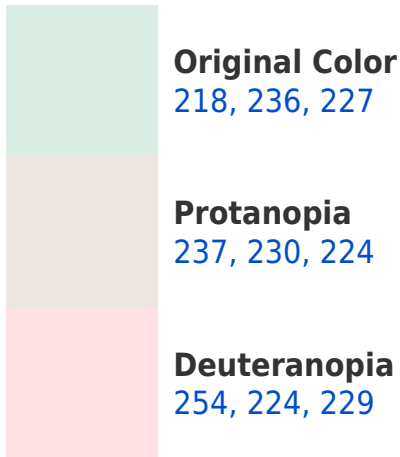


This preview shows how white text looks on a background with the RGB color 218, 236, 227.

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](#).

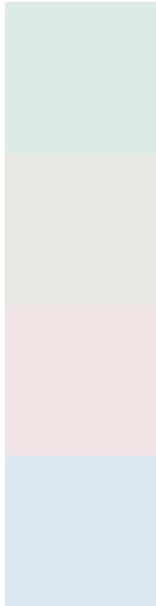
Dichromacy





Tritanopia
222, 232, 251

Trichromacy



Original Color

218, 236, 227

Protanomaly

230, 232, 225

Deuteranomaly

241, 228, 228

Tritanomaly

221, 233, 242

Monochromacy



Original Color

218, 236, 227

Achromatopsia

230, 230, 230

Achromatomaly

226, 232, 229

CSS Examples

Text

The CSS property to change the color of the text to RGB 218, 236, 227 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(218, 236, 227)` looks like.

```
.text, #text, p{  
    color:rgb(218, 236, 227)  
}
```

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(218, 236, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 236, 227) }
```

Border

The CSS property to change the border of an element to RGB 218, 236, 227 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(218, 236, 227) }
```

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

```
.border{ border-color:rgb(218, 236, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 236, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 236, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 236, 227);  
box-shadow:4px 4px 4px 4px rgb(218, 236,  
227) }
```

Background

The CSS property to change the background color of an element to RGB 218, 236, 227 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 236, 227) }
```

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

```
.background{ background-color: rgb(218,  
236, 227) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor