

Converting Colors

RGB(217, 236, 227)

Have a look what the booklet for
RGB(217, 236, 227) contains.

RGB(217, 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(217, 236, 227)

Conversions

Conversions Part 1

Format	Color
Hex	D9ECE3
RGB	217, 236, 227
RGB Percent	85%, 93%, 89%
CMY	0.1490, 0.0745, 0.1098
CMYK	0.08, 0.00, 0.04, 0.07
HSL	152°, 33%, 89%
HSV	152°, 8%, 93%
XYZ	72.4759, 80.2887, 84.3504
YIQ	229.2930, -8.4350, -6.8270

Conversions

Conversions Part 2

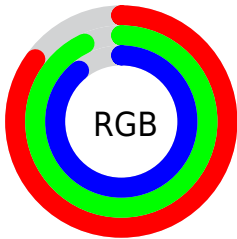
Format	Color
R_{YB}	217, 229, 236
Decimal	14281955
CIE _{Lab}	91.81, -7.92, 2.20
CIE _{LCh}	92, 8.222, 164.464
Yxy	80.2887, 0.3057, 0.3386
Android (android.graphics.Color)	4292472035 (0xFFD9ECE3)
YUV	229.2930, -1.1304, -10.7810
Hunter-Lab	89.6039, -12.4278, 6.9090

Details

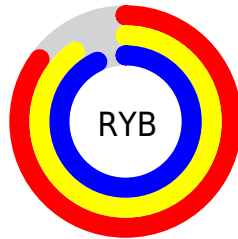
The RGB color **217, 236, 227** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **236, 217, 226**, and the grayscale version is **229, 229, 229**.

A 20% lighter version of the original color is 255, 255, 255, and **162, 180, 172** is the 20% darker color. If you saturate the color by 10%, you get **193, 236, 216**, and if you desaturate by 10%, it is **241, 236, 238**.

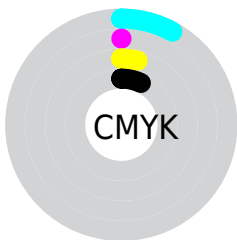
Distribution



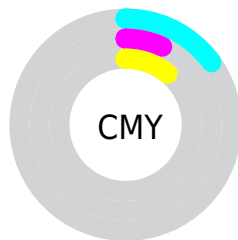
- Red (85%)
- Green (93%)
- Blue (89%)



- 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 217, 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 217, 236, 227 by changing the saturation by 10% instead.

■ 217, 236, 227

255, 255, 255

■ 217, 236, 227

■ 189, 208, 199

■ 162, 180, 172

■ 136, 153, 145

■ 110, 127, 120

■ 86, 102, 95

■ 63, 78, 71

■ 40, 56, 49

■ 20, 34, 28

■ 0, 12, 1

 217, 236, 227

 217, 236, 227

 193, 236, 216

 241, 236, 238

 170, 236, 205

 255, 236, 249

 146, 236, 193

 255, 236, 255

 123, 236, 182

 99, 236, 171

 75, 236, 160

 52, 236, 149

 28, 236, 138

 5, 236, 126

Harmonies

Analogous

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



225, 234, 220



217, 236, 227



213, 236, 235

Triad

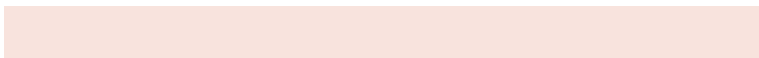
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



217, 236, 227



228, 231, 247



248, 227, 221

Complementary

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



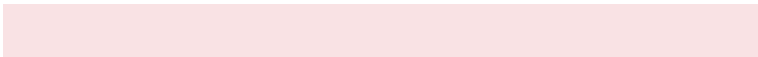
217, 236, 227



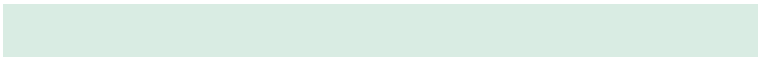
236, 217, 226

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.



249, 226, 228



217, 236, 227



238, 228, 243

Square

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



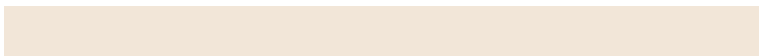
217, 236, 227



219, 233, 246



245, 227, 236



242, 230, 216

Rectangle

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



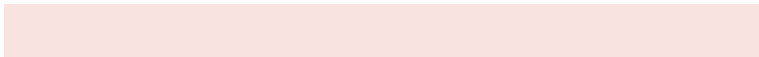
217, 236, 227



213, 236, 240



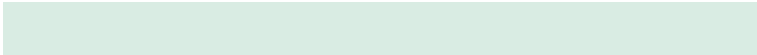
245, 227, 236



249, 227, 223

Sweetspot

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



217, 236, 227



250, 255, 253



226, 236, 217



125, 128, 126



0, 0, 0



128, 128, 128

Same Dimension

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



217, 236, 227



230, 255, 243



217, 236, 236



106, 117, 112



0, 181, 95



0, 54, 28

Inverse Universe

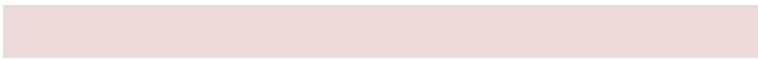
The Inverse Universe completely reimagines the original color for something new.



236, 217, 226



255, 230, 242



236, 217, 217



117, 106, 111



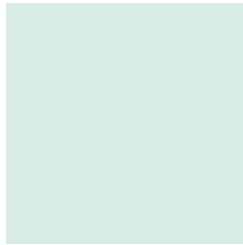
181, 0, 86



54, 0, 25

Previews

White Background



This preview shows how the RGB color 217, 236, 227 looks on a white background.

Color Contrast Check

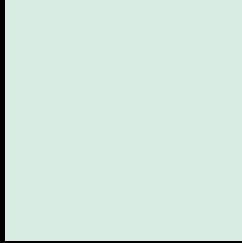
Large Text (above 18pt) WCAG AA × Fail

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 217, 236, 227 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

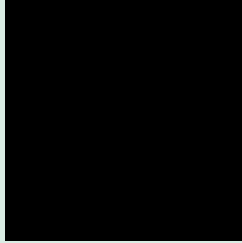
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

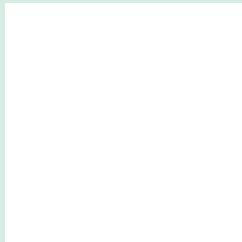
Any Text WCAG AAA ✓ Pass

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

RGB 217, 236, 227 Background



This preview shows how black text looks on a background with the RGB color 217, 236, 227.



This preview shows how white text looks on a background with the RGB color 217, 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](#).

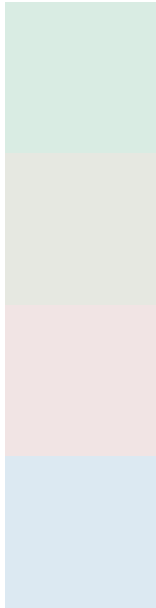
Dichromacy





Tritanopia
221, 232, 251

Trichromacy



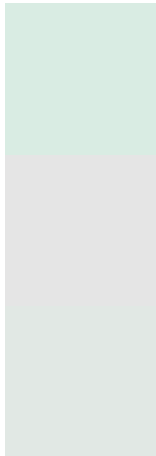
Original Color
217, 236, 227

Protanomaly
230, 232, 225

Deuteranomaly
241, 228, 228

Tritanomaly
220, 233, 242

Monochromacy



Original Color
217, 236, 227

Achromatopsia
229, 229, 229

Achromatomaly
225, 232, 228

CSS Examples

Text

The CSS property to change the color of the text to RGB 217, 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(217, 236, 227)` looks like.

```
.text, #text, p{  
    color:rgb(217, 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(217, 236, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 236, 227) }
```

Border

The CSS property to change the border of an element to RGB 217, 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(217, 236, 227) }
```

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

```
.border{ border-color:rgb(217, 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(217, 236, 227) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 236, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 236, 227);  
box-shadow:4px 4px 4px 4px rgb(217, 236,  
227) }
```

Background

The CSS property to change the background color of an element to RGB 217, 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(217, 236, 227) }
```

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

```
.background{ background-color: rgb(217,  
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](#).

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