

Converting Colors

RGB(217, 242, 226)

Have a look what the booklet for
RGB(217, 242, 226) contains.

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Color

RGB(217, 242, 226)

Conversions

Conversions Part 1

Format	Color
Hex	D9F2E2
RGB	217, 242, 226
RGB Percent	85%, 95%, 89%
CMY	0.1490, 0.0510, 0.1137
CMYK	0.10, 0.00, 0.07, 0.05
HSL	142°, 49%, 90%
HSV	142°, 10%, 95%
XYZ	74.0949, 83.7470, 84.2111
YIQ	232.7010, -9.7640, -10.2760

Conversions

Conversions Part 2

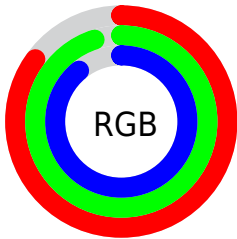
Format	Color
R _Y B	217, 235, 242
Decimal	14283490
CIE Lab	93.34, -11.12, 4.93
CIE LCh	93, 12.169, 156.076
Yxy	83.7470, 0.3061, 0.3460
Android (android.graphics.Color)	4292473570 (0xFFD9F2E2)
YUV	232.7010, -3.3036, -13.7698
Hunter-Lab	91.5134, -15.6238, 9.5004

Details

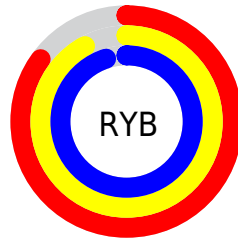
The RGB color **217, 242, 226** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **242, 217, 233**, and the grayscale version is **233, 233, 233**.

A 20% lighter version of the original color is 255, 255, 255, and **162, 186, 171** is the 20% darker color. If you saturate the color by 10%, you get **193, 242, 211**, and if you desaturate by 10%, it is **241, 242, 241**.

Distribution



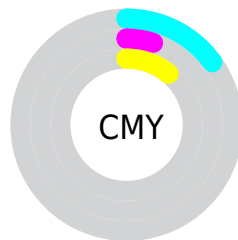
- Red (85%)
- Green (95%)
- Blue (89%)



- Red (85%)
- Yellow (92%)
- Blue (95%)



- Cyan (10%)
- Magenta (0%)
- Yellow (7%)
- Black (5%)



- Cyan (15%)
- Magenta (5%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the RGB color 217, 242, 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 217, 242, 226 by changing the saturation by 10% instead.

■ 217, 242, 226

255, 255, 255

■ 217, 242, 226

■ 189, 214, 198

■ 162, 186, 171

■ 136, 159, 144

■ 110, 133, 119

■ 86, 107, 94

■ 62, 83, 70

■ 40, 60, 48


■ 19, 38, 27

■ 0, 18, 0

 217, 242, 226

 217, 242, 226

 193, 242, 211

 241, 242, 241

 169, 242, 195

 255, 242, 255

 144, 242, 180

 120, 242, 164

 96, 242, 149

 72, 242, 133

 48, 242, 118

 23, 242, 102

 0, 242, 87

Harmonies

Analogous

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



230, 239, 217



217, 242, 226



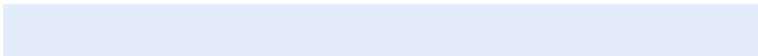
209, 243, 238

Triad

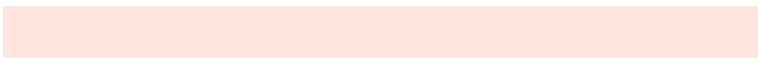
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



217, 242, 226



227, 236, 255



255, 229, 223

Complementary

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



217, 242, 226



242, 217, 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.



255, 228, 234



217, 242, 226



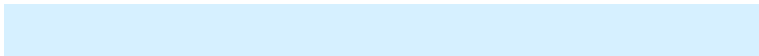
241, 232, 255

Square

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



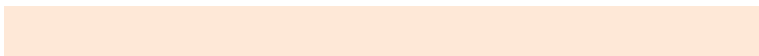
217, 242, 226



214, 240, 255



254, 229, 246



254, 232, 215

Rectangle

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



217, 242, 226



207, 243, 246



254, 229, 246



255, 228, 226

Sweetspot

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



217, 242, 226



247, 255, 250



233, 242, 217



122, 128, 124



0, 0, 0



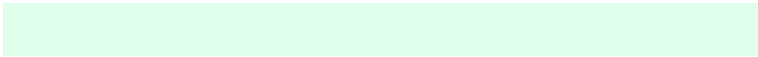
128, 128, 128

Same Dimension

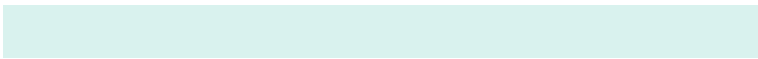
The Same Dimension uses a secret algorithm to generate beautiful new colors.



217, 242, 226



224, 255, 235



217, 242, 238



108, 120, 112



0, 184, 66



0, 56, 20

Inverse Universe

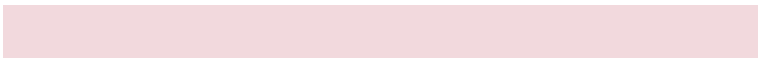
The Inverse Universe completely reimagines the original color for something new.



242, 217, 233



255, 224, 244



242, 217, 221



120, 108, 116



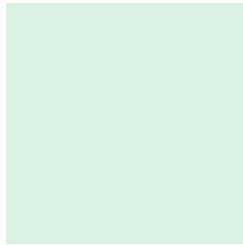
184, 0, 118



56, 0, 36

Previews

White Background



This preview shows how the RGB color 217, 242, 226 looks on a white background.

Color Contrast Check

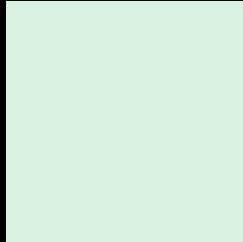
Large Text (above 18pt) WCAG AA × Fail

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 217, 242, 226 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

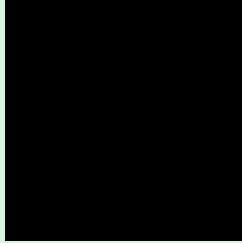
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

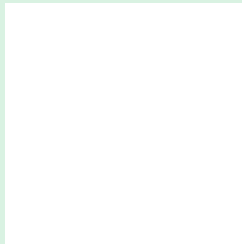
Any Text WCAG AAA ✓ Pass

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

RGB 217, 242, 226 Background



This preview shows how black text looks on a background with the RGB color 217, 242, 226.



This preview shows how white text looks on a background with the RGB color 217, 242, 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](#).

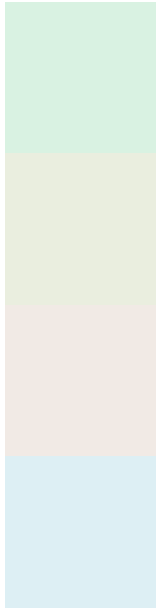
Dichromacy





Tritanopia
223, 237, 255

Trichromacy



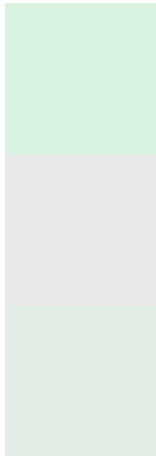
Original Color
217, 242, 226

Protanomaly
234, 238, 223

Deuteranomaly
241, 234, 229

Tritanomaly
221, 239, 244

Monochromacy



Original Color
217, 242, 226

Achromatopsia
233, 233, 233

Achromatomaly
227, 236, 230

CSS Examples

Text

The CSS property to change the color of the text to RGB 217, 242, 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(217, 242, 226)` looks like.

```
.text, #text, p{  
    color:rgb(217, 242, 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(217, 242, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 242, 226) }
```

Border

The CSS property to change the border of an element to RGB 217, 242, 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(217, 242, 226) }
```

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

```
.border{ border-color:rgb(217, 242, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 242, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(217, 242, 226); -webkit-box-shadow:4px 4px 4px 4px rgb(217, 242, 226); box-shadow:4px 4px 4px 4px rgb(217, 242, 226) }
```

Background

The CSS property to change the background color of an element to RGB 217, 242, 226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 242, 226) }
```

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

```
.background{ background-color: rgb(217,  
242, 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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