

Converting Colors

RGB(217, 231, 252)

Have a look what the booklet for
RGB(217, 231, 252) contains.

RGB(217, 231, 252)	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, 231, 252)

Conversions

Conversions Part 1

Format	Color
Hex	D9E7FC
RGB	217, 231, 252
RGB Percent	85%, 91%, 99%
CMY	0.1490, 0.0941, 0.0118
CMYK	0.14, 0.08, 0.00, 0.01
HSL	216°, 85%, 92%
HSV	216°, 14%, 99%
XYZ	74.7619, 78.9318, 103.3905
YIQ	229.2080, -15.0850, 3.5630

Conversions

Conversions Part 2

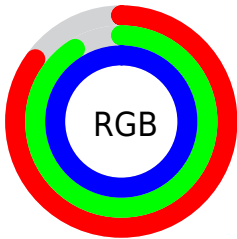
Format	Color
R _Y B	217, 227, 252
Decimal	14280700
CIE Lab	91.20, -0.54, -11.75
CIE LCh	91, 11.758, 267.390
Yxy	78.9318, 0.2908, 0.3070
Android (android.graphics.Color)	4292470780 (0xFFD9E7FC)
YUV	229.2080, 11.2365, -10.7064
Hunter-Lab	88.8436, -5.2685, -6.8074

Details

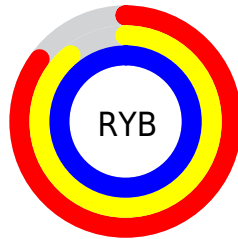
The RGB color **217, 231, 252** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **252, 238, 217**, and the grayscale version is **229, 229, 229**.

A 20% lighter version of the original color is 255, 255, 255, and **162, 175, 195** is the 20% darker color. If you saturate the color by 10%, you get **192, 216, 252**, and if you desaturate by 10%, it is 242, 246, 252.

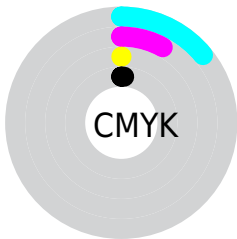
Distribution



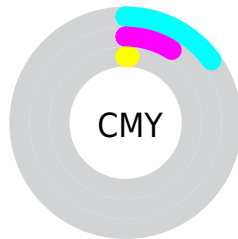
- Red (85%)
- Green (91%)
- Blue (99%)



- Red (85%)
- Yellow (89%)
- Blue (99%)



- Cyan (14%)
- Magenta (8%)
- Yellow (0%)
- Black (1%)



- Cyan (15%)
- Magenta (9%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the RGB color 217, 231, 252 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, 231, 252 by changing the saturation by 10% instead.

■ 217, 231, 252

255, 255, 255

■ 217, 231, 252

■ 189, 203, 223

■ 162, 175, 195

■ 135, 149, 168

■ 110, 123, 142

■ 85, 98, 116

■ 62, 74, 92

■ 39, 52, 68

■ 17, 31, 46

■ 0, 6, 25

■ 217, 231, 252

■ 217, 231, 252

■ 192, 216, 252

■ 242, 246, 252

■ 167, 201, 252

■ 255, 255, 252

■ 141, 186, 252

■ 116, 171, 252

■ 91, 155, 252

■ 66, 140, 252

■ 41, 125, 252

■ 15, 110, 252

■ 0, 101, 252

Harmonies

Analogous

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



206, 234, 248



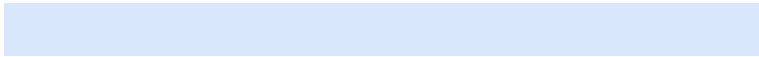
217, 231, 252



231, 227, 250

Triad

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



217, 231, 252



254, 223, 220



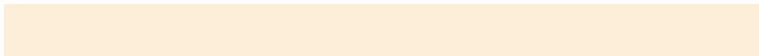
215, 235, 217

Complementary

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



217, 231, 252



252, 238, 217

Split Complementary

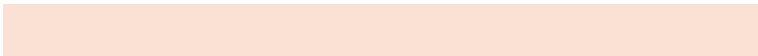
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



228, 232, 210



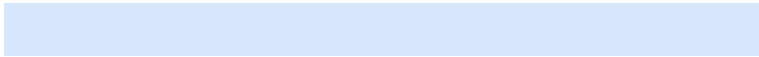
217, 231, 252



250, 225, 211

Square

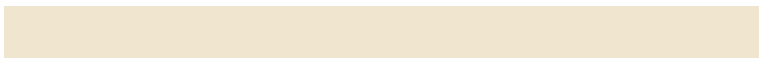
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



217, 231, 252



252, 222, 231



240, 229, 207



205, 237, 228

Rectangle

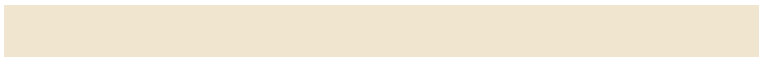
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



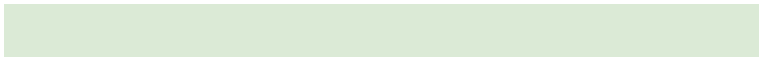
217, 231, 252



240, 225, 245



240, 229, 207



219, 234, 214

Sweetspot

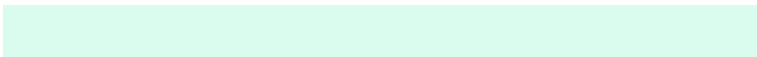
The Sweet Spot groups the original color and five complimentary colors.



217, 231, 252



245, 249, 255



217, 252, 238



121, 124, 128



0, 0, 0



128, 128, 128

Same Dimension

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



217, 231, 252



212, 229, 255



220, 217, 252



112, 117, 125



0, 75, 189



0, 24, 61

Inverse Universe

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



252, 217, 231



255, 212, 229



249, 252, 217



125, 112, 117



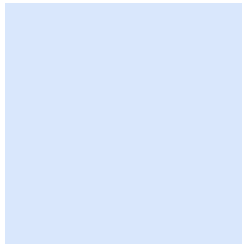
189, 0, 75



61, 0, 24

Previews

White Background



This preview shows how the RGB color 217, 231, 252 looks on a white background.

Color Contrast Check

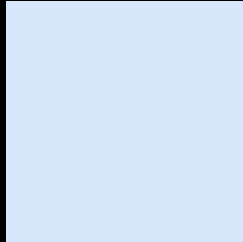
Large Text (above 18pt) WCAG AA × Fail

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, 231, 252 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

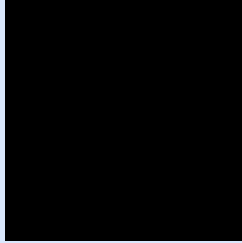
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

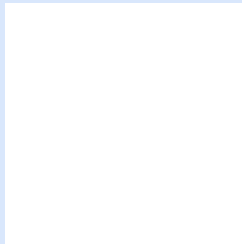
Any Text WCAG AAA ✓ Pass

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

RGB 217, 231, 252 Background



This preview shows how black text looks on a background with the RGB color 217, 231, 252.



This preview shows how white text looks on a background with the RGB color 217, 231, 252.

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](#).

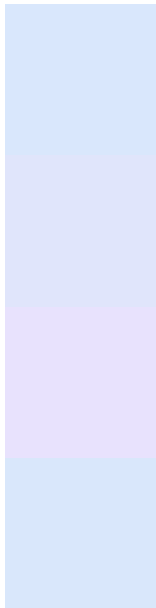
Dichromacy





Tritanopia
217, 231, 250

Trichromacy



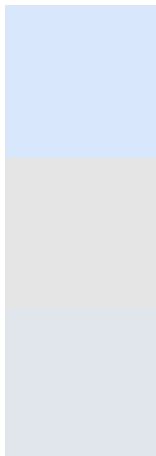
Original Color
217, 231, 252

Protanomaly
224, 229, 251

Deuteranomaly
232, 226, 253

Tritanomaly
217, 231, 251

Monochromacy



Original Color
217, 231, 252

Achromatopsia
229, 229, 229

Achromatomaly
225, 230, 237

CSS Examples

Text

The CSS property to change the color of the text to RGB 217, 231, 252 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, 231, 252)` looks like.

```
.text, #text, p{  
    color:rgb(217, 231, 252)  
}
```

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, 231, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 231, 252) }
```

Border

The CSS property to change the border of an element to RGB 217, 231, 252 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, 231, 252) }
```

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

```
.border{ border-color:rgb(217, 231, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 231, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 231, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 231, 252);  
box-shadow:4px 4px 4px 4px rgb(217, 231,  
252) }
```

Background

The CSS property to change the background color of an element to RGB 217, 231, 252 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 231, 252) }
```

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

```
.background{ background-color: rgb(217,  
231, 252) }
```

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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