

Converting Colors

RGB(218, 239, 231)

Have a look what the booklet for
RGB(218, 239, 231) contains.

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Color

RGB(218, 239, 231)

Conversions

Conversions Part 1

Format	Color
Hex	DAEFE7
RGB	218, 239, 231
RGB Percent	85%, 94%, 91%
CMY	0.1451, 0.0627, 0.0941
CMYK	0.09, 0.00, 0.03, 0.06
HSL	157°, 40%, 90%
HSV	157°, 9%, 94%
XYZ	74.2037, 82.4080, 87.5967
YIQ	231.8090, -9.9480, -6.9400

Conversions

Conversions Part 2

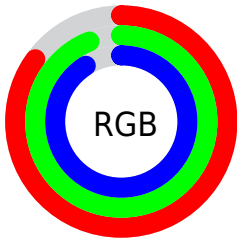
Format	Color
R _{YB}	218, 231, 239
Decimal	14348263
CIE _{Lab}	92.75, -8.37, 1.50
CIE _{LCh}	93, 8.506, 169.865
Y _{xy}	82.4080, 0.3039, 0.3374
Android (android.graphics.Color)	4292538343 (0xFFDAEFE7)
YUV	231.8090, -0.3988, -12.1105
Hunter-Lab	90.7788, -12.9548, 6.3335

Details

The RGB color **218, 239, 231** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **239, 218, 226**, and the grayscale version is **232, 232, 232**.

A 20% lighter version of the original color is **255, 255, 255**, and **163, 183, 175** is the 20% darker color. If you saturate the color by 10%, you get **194, 239, 222**, and if you desaturate by 10%, it is **242, 239, 240**.

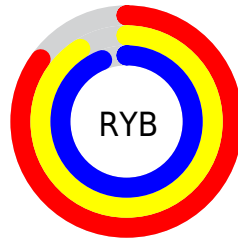
Distribution



Red (85%)

Green (94%)

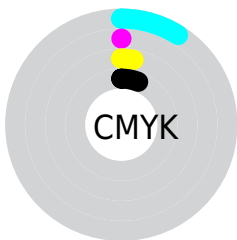
Blue (91%)



Red (85%)

Yellow (91%)

Blue (94%)

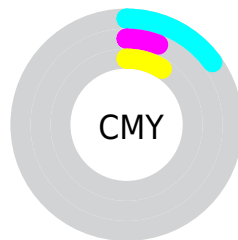


Cyan (9%)

Magenta (0%)

Yellow (3%)

Black (6%)



Cyan (15%)

Magenta (6%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the RGB color 218, 239, 231 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, 239, 231 by changing the saturation by 10% instead.

■ 218, 239, 231

255, 255, 255

■ 218, 239, 231

■ 190, 211, 203

■ 163, 183, 175

■ 137, 156, 149

■ 111, 130, 123

■ 87, 105, 98

■ 63, 81, 74

■ 41, 58, 52

■ 20, 36, 31

■ 0, 16, 6

 218, 239, 231

 218, 239, 231

 194, 239, 222

 242, 239, 240

 170, 239, 213

 255, 239, 249

 146, 239, 204

 255, 239, 255

 122, 239, 195

 98, 239, 185

 75, 239, 176

 51, 239, 167

 27, 239, 158

 3, 239, 149

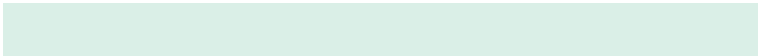
Harmonies

Analogous

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



226, 238, 223



218, 239, 231



214, 239, 239

Triad

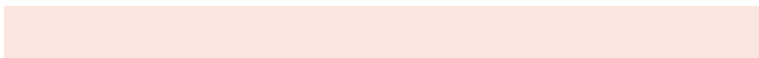
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



218, 239, 231



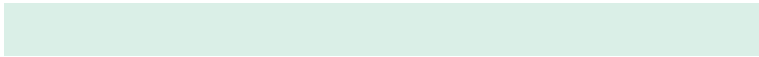
233, 233, 249



250, 230, 222

Complementary

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



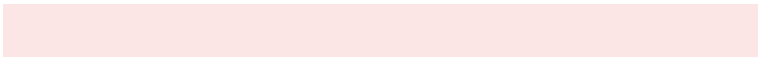
218, 239, 231



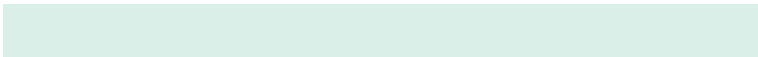
239, 218, 226

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.



252, 229, 229



218, 239, 231



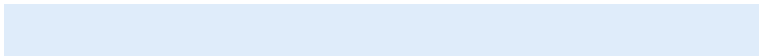
242, 231, 245

Square

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



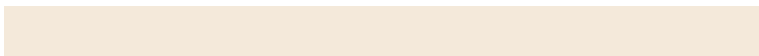
218, 239, 231



223, 236, 250



250, 229, 237



244, 233, 218

Rectangle

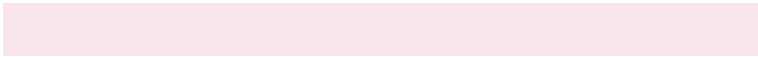
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



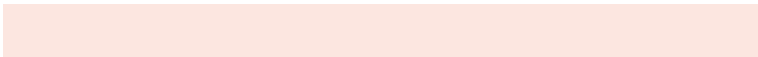
218, 239, 231



215, 238, 244



250, 229, 237



252, 230, 224

Sweetspot

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



218, 239, 231



247, 255, 252



226, 239, 218



122, 128, 126



0, 0, 0



128, 128, 128

Same Dimension

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



218, 239, 231



227, 255, 244



218, 237, 239



108, 120, 115



0, 184, 114



0, 56, 35

Inverse Universe

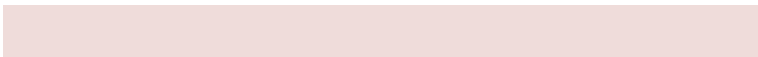
The Inverse Universe completely reimagines the original color for something new.



239, 218, 226



255, 227, 238



239, 220, 218



120, 108, 112



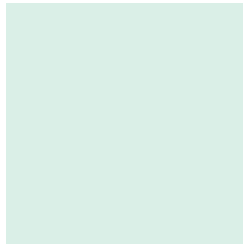
184, 0, 70



56, 0, 21

Previews

White Background



This preview shows how the RGB color 218, 239, 231 looks on a white background.

Color Contrast Check

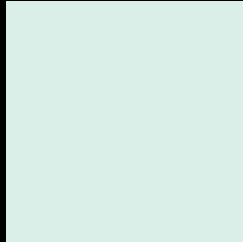
Large Text (above 18pt) WCAG AA × Fail

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, 239, 231 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

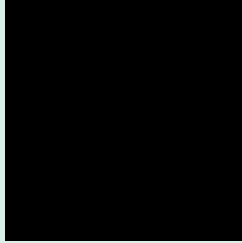
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

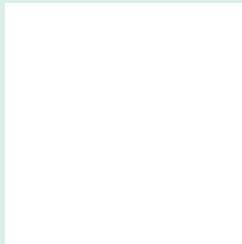
Any Text WCAG AAA ✓ Pass

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

RGB 218, 239, 231 Background



This preview shows how black text looks on a background with the RGB color 218, 239, 231.



This preview shows how white text looks on a background with the RGB color 218, 239, 231.

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](#).

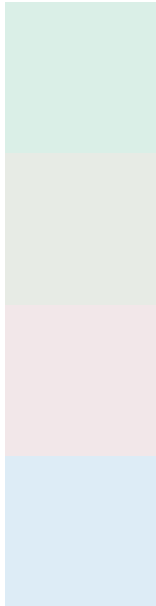
Dichromacy





Tritanopia
222, 235, 254

Trichromacy



Original Color

218, 239, 231

Protanomaly

231, 235, 229

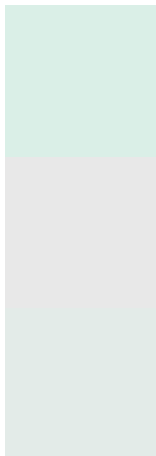
Deuteranomaly

242, 231, 233

Tritanomaly

221, 236, 246

Monochromacy



Original Color

218, 239, 231

Achromatopsia

232, 232, 232

Achromatomaly

227, 235, 232

CSS Examples

Text

The CSS property to change the color of the text to RGB 218, 239, 231 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, 239, 231)` looks like.

```
.text, #text, p{  
    color:rgb(218, 239, 231)  
}
```

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, 239, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 239, 231) }
```

Border

The CSS property to change the border of an element to RGB 218, 239, 231 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, 239, 231) }
```

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

```
.border{ border-color:rgb(218, 239, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 239, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 239, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 239, 231);  
box-shadow:4px 4px 4px 4px rgb(218, 239,  
231) }
```

Background

The CSS property to change the background color of an element to RGB 218, 239, 231 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 239, 231) }
```

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

```
.background{ background-color: rgb(218,  
239, 231) }
```

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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