

Converting Colors

RGB(214, 228, 233)

Have a look what the booklet for
RGB(214, 228, 233) contains.

RGB(214, 228, 233)	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(214, 228, 233)

Conversions

Conversions Part 1

Format	Color
Hex	D6E4E9
RGB	214, 228, 233
RGB Percent	84%, 89%, 91%
CMY	0.1608, 0.1059, 0.0863
CMYK	0.08, 0.02, 0.00, 0.09
HSL	196°, 30%, 88%
HSV	196°, 8%, 91%
XYZ	70.1829, 75.6661, 87.9968
YIQ	224.3840, -9.9490, -1.4130

Conversions

Conversions Part 2

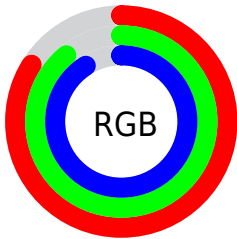
Format	Color
R_{YB}	214, 222, 233
Decimal	14083305
CIE _{Lab}	89.70, -3.69, -4.05
CIE _{LCh}	90, 5.479, 227.595
Yxy	75.6661, 0.3001, 0.3236
Android (android.graphics.Color)	4292273385 (0xFFD6E4E9)
YUV	224.3840, 4.2477, -9.1068
Hunter-Lab	86.9863, -8.2073, 0.9116

Details

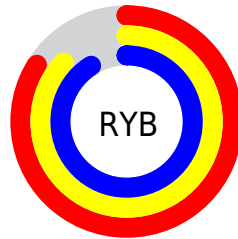
The RGB color **214, 228, 233** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **233, 219, 214**, and the grayscale version is **224, 224, 224**.

A 20% lighter version of the original color is **255, 255, 255**, and **159, 173, 177** is the 20% darker color. If you saturate the color by 10%, you get **191, 222, 233**, and if you desaturate by 10%, it is **237, 234, 233**.

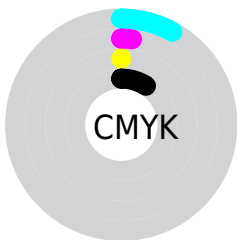
Distribution



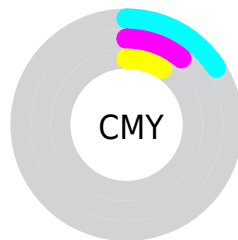
- Red (84%)
- Green (89%)
- Blue (91%)



- Red (84%)
- Yellow (87%)
- Blue (91%)



- Cyan (8%)
- Magenta (2%)
- Yellow (0%)
- Black (9%)



- Cyan (16%)
- Magenta (11%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the RGB color 214, 228, 233 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 214, 228, 233 by changing the saturation by 10% instead.

■ 214, 228, 233

255, 255, 255

■ 214, 228, 233

■ 186, 200, 205

■ 159, 173, 177

■ 133, 146, 151

■ 108, 120, 125

■ 83, 96, 100

■ 60, 72, 76

■ 38, 50, 53

■ 18, 29, 32

■ 0, 0, 9

 214, 228, 233

 214, 228, 233

 191, 222, 233

 237, 234, 233

 167, 216, 233


 255, 240, 233

 144, 210, 233


 255, 246, 233


 121, 203, 233


 255, 253, 233

 98, 197, 233

 255, 255, 233

 74, 191, 233

 51, 185, 233

 28, 179, 233

 4, 173, 233

Harmonies

Analogous

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



213, 229, 228



214, 228, 233



218, 227, 236

Triad

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



214, 228, 233



235, 222, 228



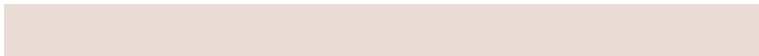
227, 226, 216

Complementary

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



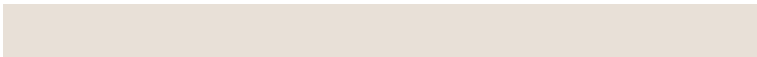
214, 228, 233



233, 219, 214

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.



232, 224, 215



214, 228, 233



237, 222, 223

Square

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



214, 228, 233



230, 223, 233



236, 223, 218



221, 228, 218

Rectangle

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



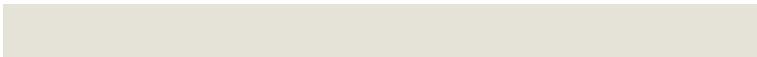
214, 228, 233



222, 225, 236



236, 223, 218



229, 226, 215

Sweetspot

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



214, 228, 233



250, 254, 255



214, 233, 219



125, 127, 128



0, 0, 0



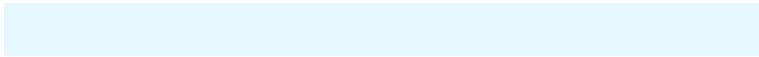
128, 128, 128

Same Dimension

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



214, 228, 233



230, 248, 255



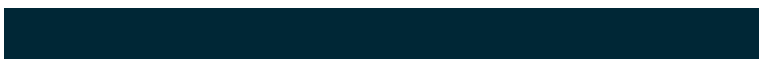
214, 219, 233



106, 114, 117



0, 133, 181



0, 39, 54

Inverse Universe

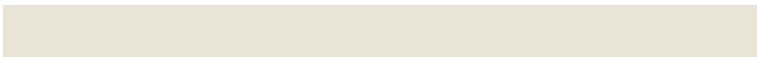
The Inverse Universe completely reimagines the original color for something new.



233, 214, 228



255, 230, 248



233, 228, 214



117, 106, 114



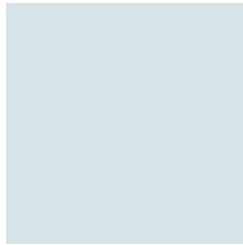
181, 0, 133



54, 0, 39

Previews

White Background



This preview shows how the RGB color 214, 228, 233 looks on a white background.

Color Contrast Check

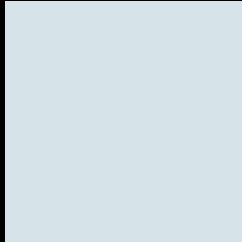
Large Text (above 18pt) WCAG AA × Fail

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 214, 228, 233 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

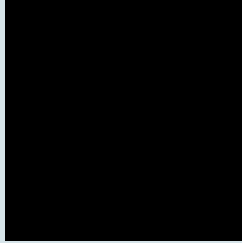
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

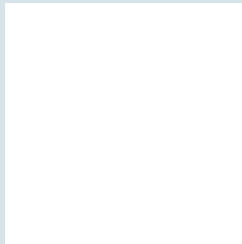
Any Text WCAG AAA ✓ Pass

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

RGB 214, 228, 233 Background



This preview shows how black text looks on a background with the RGB color 214, 228, 233.

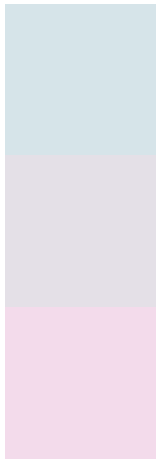


This preview shows how white text looks on a background with the RGB color 214, 228, 233.

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



Original Color
214, 228, 233

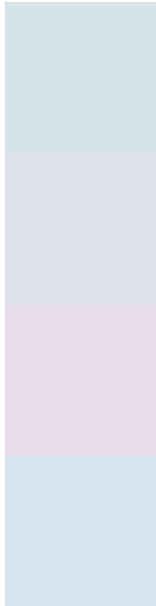
Protanopia
228, 224, 231

Deuteranopia
243, 219, 235



Tritanopia
216, 226, 244

Trichromacy



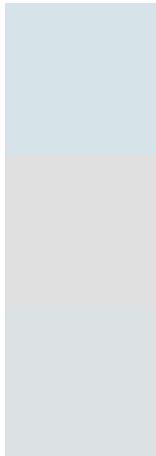
Original Color
214, 228, 233

Protanomaly
223, 225, 232

Deuteranomaly
232, 222, 234

Tritanomaly
215, 227, 240

Monochromacy



Original Color
214, 228, 233

Achromatopsia
224, 224, 224

Achromatomaly
220, 225, 227

CSS Examples

Text

The CSS property to change the color of the text to RGB 214, 228, 233 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(214, 228, 233) looks like.

```
.text, #text, p{  
    color:rgb(214, 228, 233)  
}
```

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(214, 228, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 228, 233) }
```

Border

The CSS property to change the border of an element to RGB 214, 228, 233 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(214, 228, 233) }
```

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

```
.border{ border-color:rgb(214, 228, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 228, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 228, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 228, 233);  
box-shadow:4px 4px 4px 4px rgb(214, 228,  
233) }
```

Background

The CSS property to change the background color of an element to RGB 214, 228, 233 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 228, 233) }
```

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

```
.background{ background-color: rgb(214,  
228, 233) }
```

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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