

Converting Colors

RGB(169, 200, 213)

Have a look what the booklet for
RGB(169, 200, 213) contains.

RGB(169, 200, 213)	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(169, 200, 213)

Conversions

Conversions Part 1

Format	Color
Hex	A9C8D5
RGB	169, 200, 213
RGB Percent	66%, 78%, 84%
CMY	0.3373, 0.2157, 0.1647
CMYK	0.21, 0.06, 0.00, 0.16
HSL	198°, 34%, 75%
HSV	198°, 21%, 84%
XYZ	49.0267, 54.5477, 70.8956
YIQ	192.2130, -22.6490, -2.5290

Conversions

Conversions Part 2

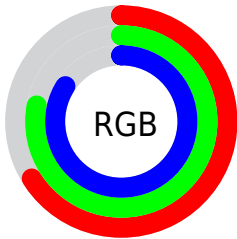
Format	Color
RYB	169, 187, 213
Decimal	11126997
CIELab	78.78, -7.54, -9.93
CIElCh	79, 12.473, 232.787
Yxy	54.5477, 0.2810, 0.3126
Android (android.graphics.Color)	4289317077 (0xFFA9C8D5)
YUV	192.2130, 10.2480, -20.3578
Hunter-Lab	73.8564, -10.7584, -5.2136

Details

The RGB color **169, 200, 213** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **213, 182, 169**, and the grayscale version is **192, 192, 192**.

A 20% lighter version of the original color is **225, 255, 255**, and **116, 146, 158** is the 20% darker color. If you saturate the color by 10%, you get **148, 194, 213**, and if you desaturate by 10%, it is **190, 206, 213**.

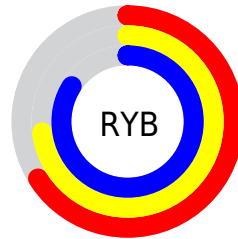
Distribution



Red (66%)

Green (78%)

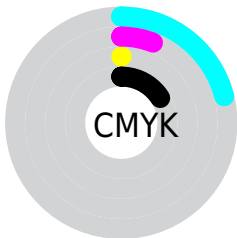
Blue (84%)



Red (66%)

Yellow (73%)

Blue (84%)

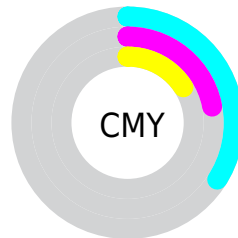


Cyan (21%)

Magenta (6%)

Yellow (0%)

Black (16%)



Cyan (34%)

Magenta (22%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the RGB color 169, 200, 213 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 169, 200, 213 by changing the saturation by 10% instead.


 169, 200, 213

255, 255, 255


 225, 255, 255

254, 255, 255


 169, 200, 213

 142, 173, 185

 116, 146, 158

 91, 120, 132

 66, 96, 107

 43, 72, 83

 19, 49, 60

 0, 28, 38

 0, 1, 17

 0, 0, 0

■ 169, 200, 213

■ 169, 200, 213

■ 148, 194, 213

■ 190, 206, 213

■ 126, 187, 213

■ 212, 213, 213

■ 105, 181, 213

■ 233, 219, 213

■ 84, 175, 213

■ 254, 225, 213

■ 63, 169, 213

■ 255, 231, 213

■ 41, 162, 213

■ 255, 238, 213

■ 20, 156, 213

■ 255, 244, 213

■ 0, 150, 213

■ 255, 250, 213

■ 255, 255, 213

Harmonies

Analogous

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



166, 202, 203



169, 200, 213



180, 197, 218

Triad

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



169, 200, 213



217, 187, 198



195, 197, 174

Complementary

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



169, 200, 213



213, 182, 169

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.



207, 193, 172



169, 200, 213



220, 187, 186

Square

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



169, 200, 213



208, 189, 209



217, 190, 177



182, 200, 181

Rectangle

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



169, 200, 213



189, 194, 217



217, 190, 177



199, 196, 172

Sweetspot

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



169, 200, 213



240, 250, 255



169, 213, 181



119, 125, 128



0, 0, 0



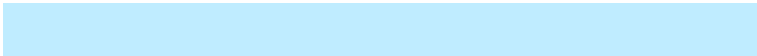
128, 128, 128

Same Dimension

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



169, 200, 213



191, 236, 255



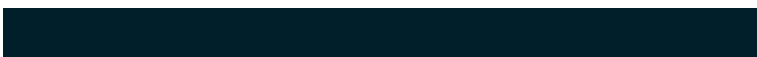
169, 179, 213



96, 104, 107



0, 120, 171



0, 31, 43

Inverse Universe

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



213, 169, 200



255, 191, 236



213, 203, 169



107, 96, 104



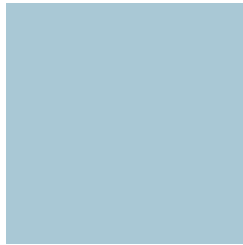
171, 0, 120



43, 0, 31

Previews

White Background



This preview shows how the RGB color 169, 200, 213 looks on a white background.

Color Contrast Check

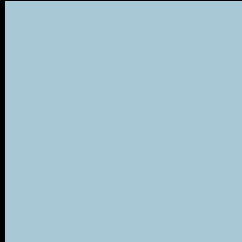
Large Text (above 18pt) WCAG AA × Fail

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 169, 200, 213 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

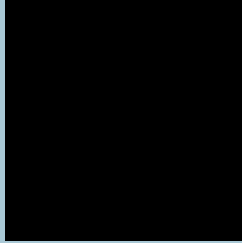
Any Text WCAG AA ✓ Pass

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 169, 200, 213 Background



This preview shows how black text looks on a background with the RGB color 169, 200, 213.

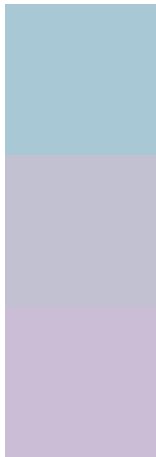


This preview shows how white text looks on a background with the RGB color 169, 200, 213.

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
169, 200, 213

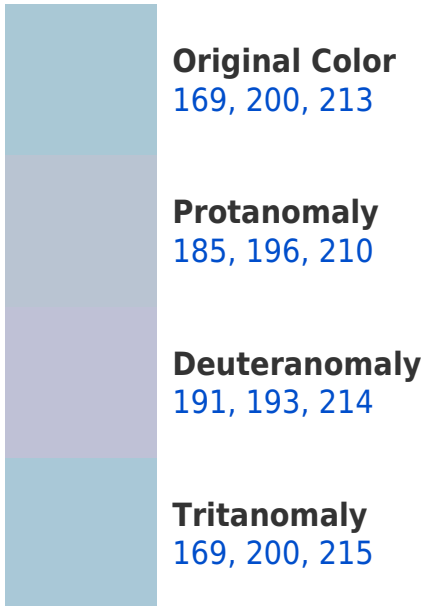
Protanopia
194, 193, 209

Deuteranopia
204, 189, 215

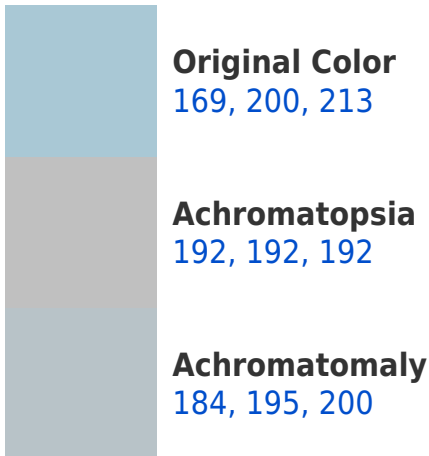


Tritanopia
169, 200, 216

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to RGB 169, 200, 213 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(169, 200, 213)` looks like.

```
.text, #text, p{  
    color:rgb(169, 200, 213)  
}
```

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(169, 200, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 200, 213) }
```

Border

The CSS property to change the border of an element to RGB 169, 200, 213 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(169, 200, 213) }
```

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

```
.border{ border-color:rgb(169, 200, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 200, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 200, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 200, 213);  
box-shadow:4px 4px 4px 4px rgb(169, 200,  
213) }
```

Background

The CSS property to change the background color of an element to RGB 169, 200, 213 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 200, 213) }
```

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

```
.background{ background-color: rgb(169,  
200, 213) }
```

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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