

Converting Colors

RGB(177, 199, 168)

Have a look what the booklet for
RGB(177, 199, 168) contains.

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Color

RGB(177, 199, 168)

Conversions

Conversions Part 1

Format	Color
Hex	B1C7A8
RGB	177, 199, 168
RGB Percent	69%, 78%, 66%
CMY	0.3059, 0.2196, 0.3412
CMYK	0.11, 0.00, 0.16, 0.22
HSL	103°, 22%, 72%
HSV	103°, 16%, 78%
XYZ	45.6228, 53.0211, 44.8753
YIQ	188.8880, -3.1610, -14.3050

Conversions

Conversions Part 2

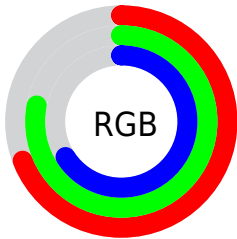
Format	Color
RYB	168, 199, 190
Decimal	11650984
CIELab	77.89, -13.20, 13.04
CIElCh	78, 18.553, 135.355
Yxy	53.0211, 0.3179, 0.3694
Android (android.graphics.Color)	4289841064 (0xFFB1C7A8)
YUV	188.8880, -10.2978, -10.4258
Hunter-Lab	72.8156, -15.5877, 14.4313

Details

The RGB color **177, 199, 168** is a light color, and the websafe version is hex **C9C999**. A complement of this color would be **190, 168, 199**, and the grayscale version is **189, 189, 189**.

A 20% lighter version of the original color is **233, 255, 223**, and **124, 145, 116** is the 20% darker color. If you saturate the color by 10%, you get **163, 199, 148**, and if you desaturate by 10%, it is **191, 199, 188**.

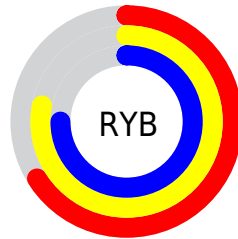
Distribution



Red (69%)

Green (78%)

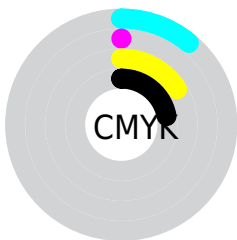
Blue (66%)



Red (66%)

Yellow (78%)

Blue (75%)

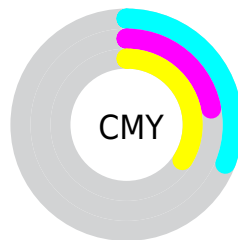


Cyan (11%)

Magenta (0%)

Yellow (16%)

Black (22%)



Cyan (31%)

Magenta (22%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the RGB color 177, 199, 168 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 177, 199, 168 by changing the saturation by 10% instead.

 177, 199, 168


255, 255, 255


 233, 255, 223

 255, 255, 252

 177, 199, 168

 150, 172, 142

 124, 145, 116

 99, 119, 91


 75, 95, 68


 52, 71, 45

 30, 48, 24


 9, 28, 0


 0, 0, 0

 177, 199, 168

 177, 199, 168

 163, 199, 148


 191, 199, 188

 149, 199, 128


 205, 199, 208


 135, 199, 108


 219, 199, 228

 121, 199, 88

 233, 199, 248


 106, 199, 69


 248, 199, 255

 92, 199, 49

 255, 199, 255

 78, 199, 29

 64, 199, 9

 58, 199, 0

Harmonies

Analogous

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



197, 194, 159



177, 199, 168



159, 202, 183

Triad

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



177, 199, 168



163, 197, 225



229, 181, 184

Complementary

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



177, 199, 168



190, 168, 199

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.



222, 181, 202



177, 199, 168



185, 191, 225

Square

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



177, 199, 168



149, 201, 216



206, 185, 217



226, 183, 169

Rectangle

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



177, 199, 168



151, 203, 195



206, 185, 217



228, 181, 190

Sweetspot

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



177, 199, 168



246, 255, 242



199, 190, 168



122, 128, 120



0, 0, 0



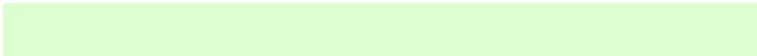
128, 128, 128

Same Dimension

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



177, 199, 168



221, 255, 207



168, 199, 174



92, 99, 90



47, 163, 0



10, 36, 0

Inverse Universe

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



190, 168, 199



241, 207, 255



199, 168, 193



97, 90, 99



116, 0, 163



25, 0, 36

Previews

White Background



This preview shows how the RGB color 177, 199, 168 looks on a white background.

Color Contrast Check

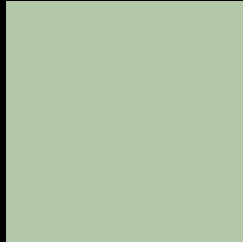
Large Text (above 18pt) WCAG AA × Fail

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 177, 199, 168 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

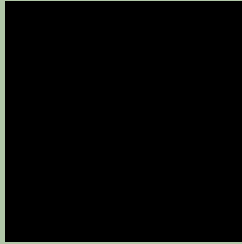
Any Text WCAG AA ✓ Pass

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 177, 199, 168 Background



This preview shows how black text looks on a background with the RGB color 177, 199, 168.

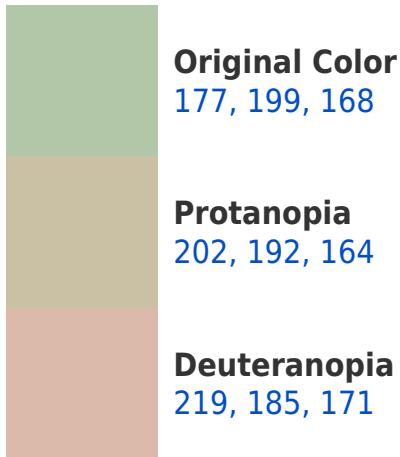


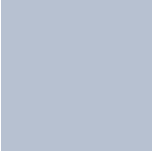
This preview shows how white text looks on a background with the RGB color 177, 199, 168.

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
183, 193, 209

Trichromacy



Original Color

177, 199, 168

Protanomaly

193, 195, 165

Deuteranomaly

204, 190, 170

Tritanomaly

181, 195, 194

Monochromacy



Original Color

177, 199, 168

Achromatopsia

189, 189, 189

Achromatomaly

185, 193, 181

CSS Examples

Text

The CSS property to change the color of the text to RGB 177, 199, 168 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(177, 199, 168)` looks like.

```
.text, #text, p{  
    color:rgb(177, 199, 168)  
}
```

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(177, 199, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 199, 168) }
```

Border

The CSS property to change the border of an element to RGB 177, 199, 168 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(177, 199, 168) }
```

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

```
.border{ border-color:rgb(177, 199, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 199, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 199, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 199, 168);  
box-shadow:4px 4px 4px 4px rgb(177, 199,  
168) }
```

Background

The CSS property to change the background color of an element to RGB 177, 199, 168 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 199, 168) }
```

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

```
.background{ background-color: rgb(177,  
199, 168) }
```

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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