

Converting Colors

RGB(170, 195, 188)

Have a look what the booklet for
RGB(170, 195, 188) contains.

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Color

RGB(170, 195, 188)

Conversions

Conversions Part 1

Format	Color
Hex	AAC3BC
RGB	170, 195, 188
RGB Percent	67%, 76%, 74%
CMY	0.3333, 0.2353, 0.2627
CMYK	0.13, 0.00, 0.04, 0.24
HSL	163°, 17%, 72%
HSV	163°, 13%, 76%
XYZ	45.1698, 51.2071, 55.0802
YIQ	186.7270, -12.6530, -7.4770

Conversions

Conversions Part 2

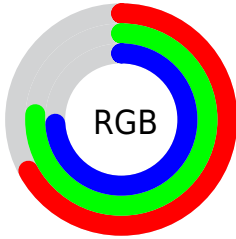
Format	Color
RYB	170, 185, 195
Decimal	11191228
CIELab	76.80, -9.83, 0.65
CIELCh	77, 9.853, 176.224
Yxy	51.2071, 0.2982, 0.3381
Android (android.graphics.Color)	4289381308 (0xFFAAC3BC)
YUV	186.7270, 0.6276, -14.6696
Hunter-Lab	71.5591, -12.5552, 4.4549

Details

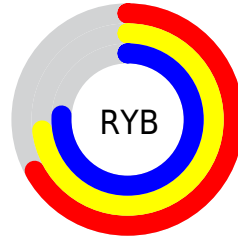
The RGB color **170, 195, 188** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **195, 170, 177**, and the grayscale version is **187, 187, 187**.

A 20% lighter version of the original color is **225, 252, 244**, and **118, 141, 135** is the 20% darker color. If you saturate the color by 10%, you get **151, 195, 183**, and if you desaturate by 10%, it is **189, 195, 193**.

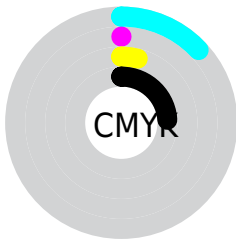
Distribution



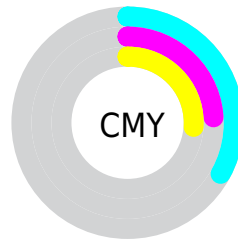
- Red (67%)
- Green (76%)
- Blue (74%)



- Red (67%)
- Yellow (73%)
- Blue (76%)



- Cyan (13%)
- Magenta (0%)
- Yellow (4%)
- Black (24%)



- Cyan (33%)
- Magenta (24%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the RGB color 170, 195, 188 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 170, 195, 188 by changing the saturation by 10% instead.


 170, 195, 188


255, 255, 255


 225, 252, 244

254, 255, 255

 170, 195, 188

 143, 168, 161

 118, 141, 135

 93, 116, 110

 69, 91, 85

 46, 68, 62


 25, 45, 40


 0, 25, 20


 0, 0, 0

 170, 195, 188


 170, 195, 188

 151, 195, 183


 189, 195, 193


 131, 195, 177


 209, 195, 199

 111, 195, 172


 229, 195, 204

 92, 195, 166


 248, 195, 210

 73, 195, 161


 255, 195, 215

 53, 195, 155

 255, 195, 221

 34, 195, 150

 255, 195, 226

 14, 195, 144

 255, 195, 232

 0, 195, 140

 255, 195, 237

Harmonies

Analogous

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



178, 194, 179



170, 195, 188



167, 195, 197

Triad

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



170, 195, 188



190, 188, 206



206, 186, 175

Complementary

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



170, 195, 188



195, 170, 177

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.



209, 184, 182



170, 195, 188



201, 185, 200

Square

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



170, 195, 188



179, 191, 207



208, 184, 191



199, 188, 172

Rectangle

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



170, 195, 188



168, 194, 202



208, 184, 191



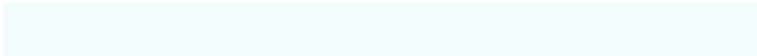
208, 185, 177

Sweetspot

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



170, 195, 188



242, 252, 250



177, 195, 170



121, 128, 126



0, 0, 0



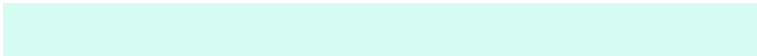
128, 128, 128

Same Dimension

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



170, 195, 188



215, 252, 242



170, 190, 195



87, 97, 94



0, 161, 116



0, 33, 24

Inverse Universe

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



195, 170, 177



252, 215, 225



195, 175, 170



97, 87, 90



161, 0, 45



33, 0, 9

Previews

White Background



This preview shows how the RGB color 170, 195, 188 looks on a white background.

Color Contrast Check

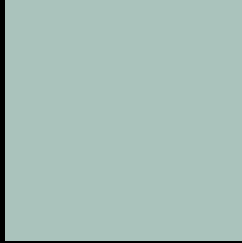
Large Text (above 18pt) WCAG AA × Fail

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 170, 195, 188 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

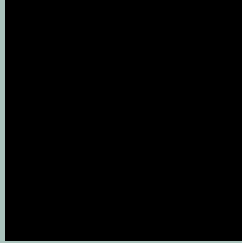
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

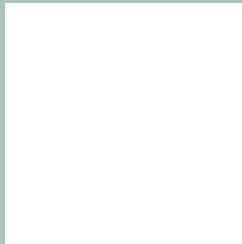
Any Text WCAG AAA ✓ Pass

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

RGB 170, 195, 188 Background



This preview shows how black text looks on a background with the RGB color 170, 195, 188.

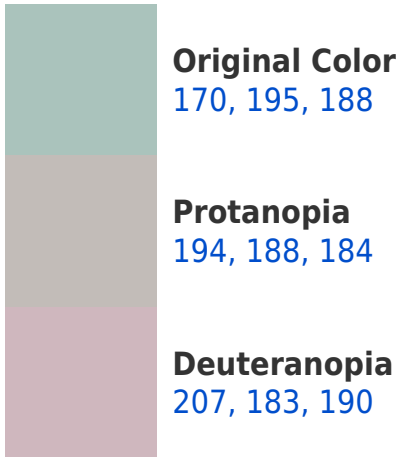


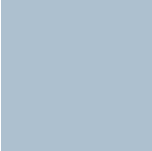
This preview shows how white text looks on a background with the RGB color 170, 195, 188.

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
173, 192, 207

Trichromacy



Original Color

170, 195, 188

Protanomaly

185, 191, 185

Deuteranomaly

194, 187, 189

Tritanomaly

172, 193, 200

Monochromacy



Original Color

170, 195, 188

Achromatopsia

187, 187, 187

Achromatomaly

181, 190, 187

CSS Examples

Text

The CSS property to change the color of the text to RGB 170, 195, 188 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(170, 195, 188)` looks like.

```
.text, #text, p{  
    color:rgb(170, 195, 188)  
}
```

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(170, 195, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 195, 188) }
```

Border

The CSS property to change the border of an element to RGB 170, 195, 188 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(170, 195, 188) }
```

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

```
.border{ border-color:rgb(170, 195, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 195, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 195, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 195, 188);  
box-shadow:4px 4px 4px 4px rgb(170, 195,  
188) }
```

Background

The CSS property to change the background color of an element to RGB 170, 195, 188 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 195, 188) }
```

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

```
.background{ background-color: rgb(170,  
195, 188) }
```

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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