

Converting Colors

RGB(163, 185, 170)

Have a look what the booklet for
RGB(163, 185, 170) contains.

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Color

RGB(163, 185, 170)

Conversions

Conversions Part 1

Format	Color
Hex	A3B9AA
RGB	163, 185, 170
RGB Percent	64%, 73%, 67%
CMY	0.3608, 0.2745, 0.3333
CMYK	0.12, 0.00, 0.08, 0.27
HSL	139°, 14%, 68%
HSV	139°, 12%, 73%
XYZ	39.7089, 45.3867, 44.6978
YIQ	176.7120, -8.2970, -9.3290

Conversions

Conversions Part 2

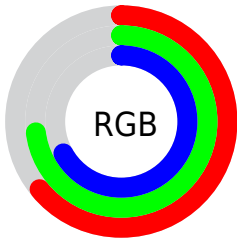
Format	Color
RYB	163, 180, 185
Decimal	10729898
CIELab	73.15, -10.47, 5.06
CIELCh	73, 11.624, 154.204
Yxy	45.3867, 0.3059, 0.3497
Android (android.graphics.Color)	4288919978 (0xFFA3B9AA)
YUV	176.7120, -3.3090, -12.0254
Hunter-Lab	67.3697, -12.6858, 7.8216

Details

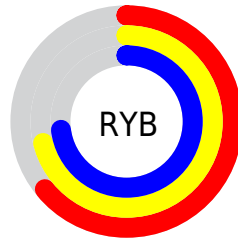
The RGB color **163, 185, 170** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **185, 163, 178**, and the grayscale version is **177, 177, 177**.

A 20% lighter version of the original color is **218, 241, 225**, and **111, 132, 118** is the 20% darker color. If you saturate the color by 10%, you get **145, 185, 157**, and if you desaturate by 10%, it is **181, 185, 183**.

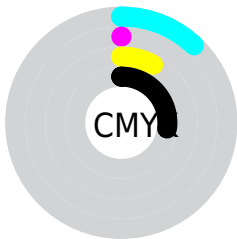
Distribution



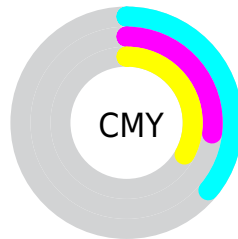
- Red (64%)
- Green (73%)
- Blue (67%)



- Red (64%)
- Yellow (71%)
- Blue (73%)



- Cyan (12%)
- Magenta (0%)
- Yellow (8%)
- Black (27%)



- Cyan (36%)
- Magenta (27%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the RGB color 163, 185, 170 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 163, 185, 170 by changing the saturation by 10% instead.

■ 163, 185, 170

255, 255, 255

■ 218, 241, 225

■ 247, 255, 254

■ 163, 185, 170

■ 137, 158, 144

■ 111, 132, 118

■ 87, 107, 93

■ 63, 82, 70

■ 41, 59, 47

■ 20, 38, 27


■ 0, 17, 0


■ 0, 0, 0


■ 163, 185, 170

■ 163, 185, 170

 145, 185, 157


 181, 185, 183

 126, 185, 145


 200, 185, 195

 107, 185, 132


 219, 185, 208

 89, 185, 120

 237, 185, 220

 70, 185, 107

 255, 185, 233


 52, 185, 94

 255, 185, 246

 33, 185, 82

 255, 185, 255

 15, 185, 69

 0, 185, 59

Harmonies

Analogous

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



175, 183, 162



163, 185, 170



155, 186, 181

Triad

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



163, 185, 170



170, 180, 201



202, 173, 168

Complementary

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



163, 185, 170



185, 163, 178

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.



202, 172, 178



163, 185, 170



184, 176, 197

Square

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



163, 185, 170



159, 183, 198



195, 174, 189



197, 176, 161

Rectangle

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



163, 185, 170



153, 186, 188



195, 174, 189



203, 173, 171

Sweetspot

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



163, 185, 170



230, 240, 233



178, 185, 163



114, 120, 116



247, 247, 247



120, 120, 120

Same Dimension

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



163, 185, 170



206, 240, 217



163, 185, 181



83, 92, 86



0, 156, 49



0, 28, 9

Inverse Universe

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



185, 163, 178



240, 206, 229



185, 163, 167



92, 83, 89



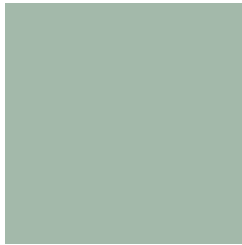
156, 0, 106



28, 0, 19

Previews

White Background



This preview shows how the RGB color 163, 185, 170 looks on a white background.

Color Contrast Check

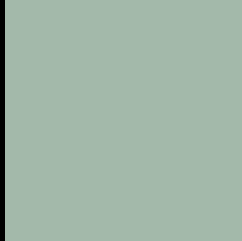
Large Text (above 18pt) WCAG AA × Fail

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 163, 185, 170 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

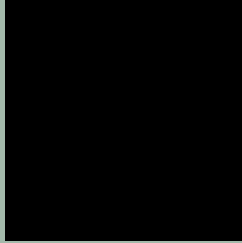
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

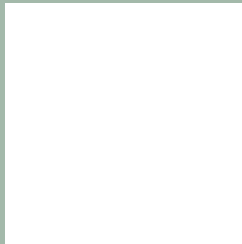
Any Text WCAG AAA ✓ Pass

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

RGB 163, 185, 170 Background



This preview shows how black text looks on a background with the RGB color 163, 185, 170.

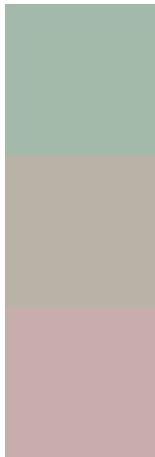


This preview shows how white text looks on a background with the RGB color 163, 185, 170.

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](#).

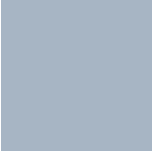
Dichromacy



Original Color
163, 185, 170

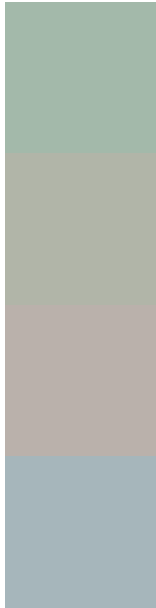
Protanopia
185, 179, 167

Deuteranopia
199, 173, 172



Tritanopia
167, 181, 196

Trichromacy



Original Color
163, 185, 170

Protanomaly
177, 181, 168

Deuteranomaly
186, 177, 171

Tritanomaly
166, 182, 187

Monochromacy



Original Color
163, 185, 170

Achromatopsia
177, 177, 177

Achromatomaly
172, 180, 174

CSS Examples

Text

The CSS property to change the color of the text to RGB 163, 185, 170 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(163, 185, 170)` looks like.

```
.text, #text, p{  
    color:rgb(163, 185, 170)  
}
```

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(163, 185, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 185, 170) }
```

Border

The CSS property to change the border of an element to RGB 163, 185, 170 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(163, 185, 170) }
```

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

```
.border{ border-color:rgb(163, 185, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 185, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 185, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 185, 170);  
box-shadow:4px 4px 4px 4px rgb(163, 185,  
170) }
```

Background

The CSS property to change the background color of an element to RGB 163, 185, 170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 185, 170) }
```

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

```
.background{ background-color: rgb(163,  
185, 170) }
```

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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