

# Converting Colors

RGB(162, 200, 185)

Have a look what the booklet for  
RGB(162, 200, 185) contains.

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# **Color**

**RGB(162, 200, 185)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A2C8B9
RGB	162, 200, 185
RGB Percent	64%, 78%, 73%
CMY	0.3647, 0.2157, 0.2745
CMYK	0.19, 0.00, 0.08, 0.22
HSL	156°, 26%, 71%
HSV	156°, 19%, 78%
XYZ	44.3115, 52.4927, 53.6956
YIQ	186.9280, -17.8330, -12.7210

# Conversions

## Conversions Part 2

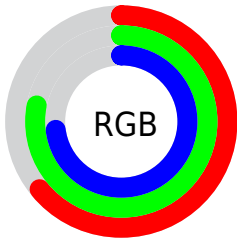
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">162, 186, 200</a>
Decimal	<a href="#">10668217</a>
CIELab	<a href="#">77.57, -15.64, 3.32</a>
CIElCh	<a href="#">78, 15.988, 168.001</a>
Yxy	<a href="#">52.4927, 0.2944, 0.3488</a>
Android (android.graphics.Color)	<a href="#">4288858297 (0xFFA2C8B9)</a>
YUV	<a href="#">186.9280, -0.9505, -21.8619</a>
Hunter-Lab	<a href="#">72.4519, -17.6202, 6.7752</a>

# Details

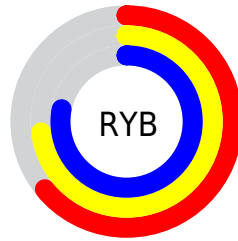
The RGB color **162, 200, 185** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **200, 162, 177**, and the grayscale version is **187, 187, 187**.

A 20% lighter version of the original color is **217, 255, 241**, and **110, 146, 132** is the 20% darker color. If you saturate the color by 10%, you get **142, 200, 177**, and if you desaturate by 10%, it is **182, 200, 193**.

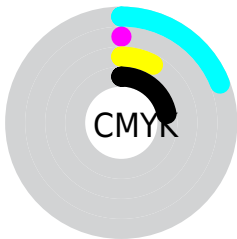
# Distribution



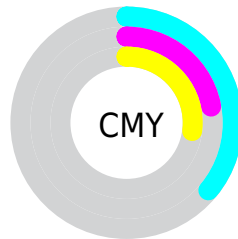
- Red (64%)
- Green (78%)
- Blue (73%)



- Red (64%)
- Yellow (73%)
- Blue (78%)



- Cyan (19%)
- Magenta (0%)
- Yellow (8%)
- Black (22%)



- Cyan (36%)
- Magenta (22%)
- Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the RGB color 162, 200, 185 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 162, 200, 185 by changing the saturation by 10% instead.




 162, 200, 185


255, 255, 255


 217, 255, 241


 246, 255, 255

 162, 200, 185

 135, 173, 158

 110, 146, 132

 85, 120, 107

 61, 95, 83

 38, 72, 60

 15, 49, 38

 0, 29, 17

 0, 0, 0

 162, 200, 185

 162, 200, 185

 142, 200, 177

 182, 200, 193

 122, 200, 169

 202, 200, 201

 102, 200, 161

 222, 200, 209

 82, 200, 153

 242, 200, 217

 62, 200, 146

 255, 200, 224

 42, 200, 138

 255, 200, 232

 22, 200, 130

 255, 200, 240

 2, 200, 122

 255, 200, 248

 0, 200, 121

 255, 200, 255

# Harmonies

## Analogous

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



177, 198, 172



162, 200, 185



154, 200, 200

# Triad

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



162, 200, 185



187, 190, 220



220, 184, 170

# Complementary

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



162, 200, 185



200, 162, 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.



223, 182, 183



162, 200, 185



205, 185, 212

# Square

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



162, 200, 185



168, 195, 220



218, 182, 198



209, 189, 163

# Rectangle

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



162, 200, 185



154, 199, 209



218, 182, 198



222, 183, 174



# Sweetspot

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



162, 200, 185



240, 255, 249



177, 200, 162



119, 128, 124



0, 0, 0



128, 128, 128

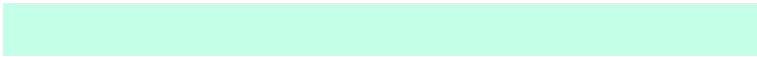


# Same Dimension

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



162, 200, 185



196, 255, 232



162, 196, 200



90, 99, 96



0, 163, 99



0, 36, 22



# Inverse Universe

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



200, 162, 177



255, 196, 220



200, 166, 162



99, 90, 93



163, 0, 64



36, 0, 14



# Previews

## White Background



This preview shows how the RGB color 162, 200, 185 looks on a white background.

## Color Contrast Check

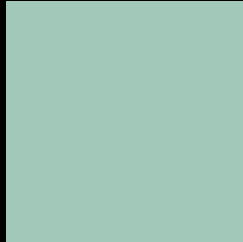
Large Text (above 18pt) WCAG AA × Fail

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 162, 200, 185 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

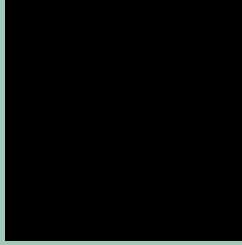
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

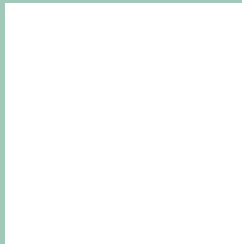
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## RGB 162, 200, 185 Background



This preview shows how black text looks on a background with the RGB color 162, 200, 185.

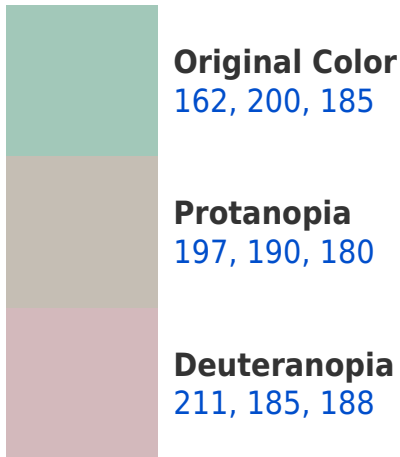


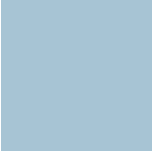
This preview shows how white text looks on a background with the RGB color 162, 200, 185.

# 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**  
167, 196, 212

# Trichromacy



**Original Color**

162, 200, 185

**Protanomaly**

184, 194, 182

**Deuteranomaly**

193, 190, 187

**Tritanomaly**

165, 197, 202

# Monochromacy



**Original Color**

162, 200, 185

**Achromatopsia**

187, 187, 187

**Achromatomaly**

178, 192, 186

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 162, 200, 185 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(162, 200, 185)` looks like.

```
.text, #text, p{  
    color:rgb(162, 200, 185)  
}
```

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(162, 200, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 200, 185) }
```

## Border

The CSS property to change the border of an element to RGB 162, 200, 185 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(162, 200, 185) }
```

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

```
.border{ border-color:rgb(162, 200, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 200, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 200, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 200, 185);  
box-shadow:4px 4px 4px 4px rgb(162, 200,  
185) }
```

# Background

The CSS property to change the background color of an element to RGB 162, 200, 185 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 200, 185) }
```

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

```
.background{ background-color: rgb(162,  
200, 185) }
```

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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