

Converting Colors

`RYB(162, 191, 206)`

Have a look what the booklet for
RYB(162, 191, 206) contains.

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Color

RYB(162, 191, 206)

Conversions

Conversions Part 1

Format	Color
Hex	A2CEB9
RGB	162, 206, 185
RGB Percent	64%, 81%, 73%
CMY	0.3647, 0.1922, 0.2755
CMYK	0.21, 0.00, 0.10, 0.19
HSL	151°, 31%, 72%
HSV	151°, 21%, 81%
XYZ	45.7031, 55.3166, 54.0338
YIQ	190.4500, -19.4830, -15.8590

Conversions

Conversions Part 2

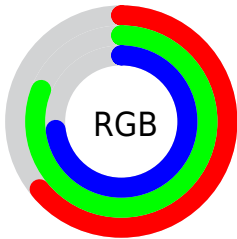
Format	Color
RYB	162, 191, 206
Decimal	10669753
CIELab	79.22, -18.73, 5.84
CIELCh	79, 19.616, 162.694
Yxy	55.3166, 0.2948, 0.3568
Android (android.graphics.Color)	4288859833 (0xFFA2CEB9)
YUV	190.4500, -2.6868, -24.9506
Hunter-Lab	74.3751, -20.4692, 8.9882

Details

The RYB color **162, 191, 206** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **206, 162, 183**, and the grayscale version is **190, 190, 190**.

A 20% lighter version of the original color is **217, 240, 255**, and **110, 138, 152** is the 20% darker color. If you saturate the color by 10%, you get **141, 184, 206**, and if you desaturate by 10%, it is **183, 198, 206**.

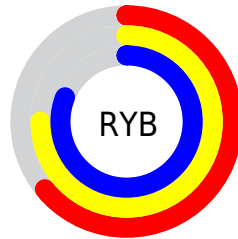
Distribution



Red (64%)

Green (81%)

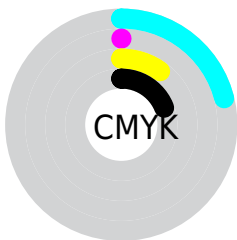
Blue (73%)



Red (64%)

Yellow (75%)

Blue (81%)

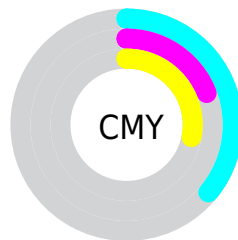


Cyan (21%)

Magenta (0%)

Yellow (10%)

Black (19%)



Cyan (36%)

Magenta (19%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the RYB color 162, 191, 206 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 RYB color 162, 191, 206 by changing the saturation by 10% instead.

 162, 191, 206


255, 255, 255


 217, 240, 255


 246, 251, 255

 162, 191, 206

 135, 163, 178

 110, 138, 152

 84, 111, 126

 60, 86, 100


 37, 62, 76


 12, 37, 53

 0, 21, 32


 0, 0, 0

 162, 191, 206


 162, 191, 206

 141, 184, 206


 183, 198, 206

 121, 177, 206


 203, 205, 206

 100, 170, 206


 224, 206, 215

 80, 163, 206


 244, 206, 225

 59, 156, 206

 255, 206, 234

 38, 149, 206

 255, 206, 244

 18, 142, 206

 255, 206, 254

 0, 136, 206

 255, 206, 255

Harmonies

Analogous

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



169, 203, 190



162, 191, 206



149, 179, 207

Triad

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



162, 191, 206



186, 194, 232



232, 190, 172

Complementary

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



162, 191, 206



206, 162, 183

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.



234, 184, 189



162, 191, 206



209, 189, 223

Square

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



162, 191, 206



163, 187, 231



226, 185, 208



220, 220, 162

Rectangle

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



162, 191, 206



147, 179, 215



226, 185, 208



234, 186, 177

Sweetspot

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



162, 191, 206



240, 250, 255



162, 206, 185



119, 125, 128



0, 0, 0



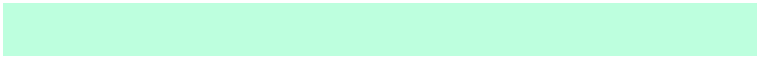
128, 128, 128

Same Dimension

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



162, 191, 206



189, 233, 255



162, 184, 206



92, 99, 102



0, 109, 166



0, 25, 38

Inverse Universe

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



206, 162, 183



255, 189, 221



206, 163, 162



102, 92, 97



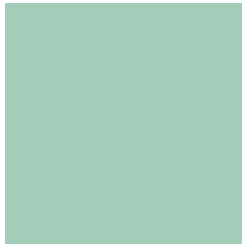
166, 0, 80



38, 0, 18

Previews

White Background



This preview shows how the RYB color 162, 191, 206 looks on a white background.

Color Contrast Check

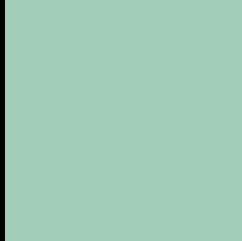
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RYB color 162, 191, 206 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

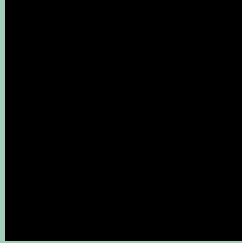
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

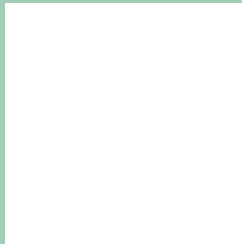
Any Text WCAG AAA ✓ Pass

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

RYB 162, 191, 206 Background



This preview shows how black text looks on a background with the RYB color 162, 191, 206.

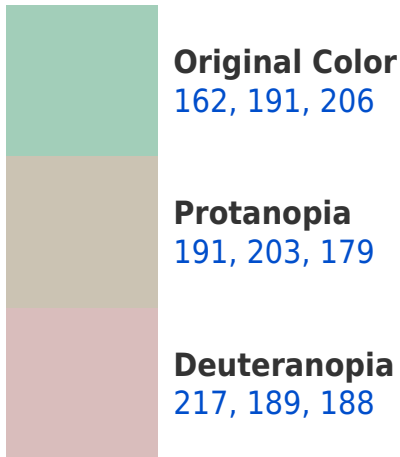


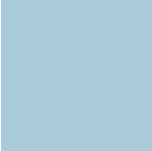
This preview shows how white text looks on a background with the RYB color 162, 191, 206.

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](#).

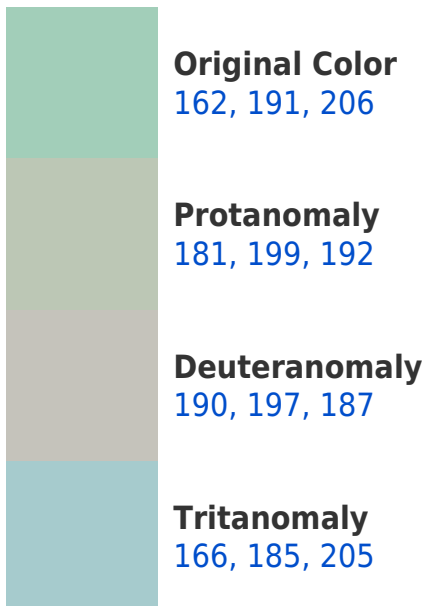
Dichromacy



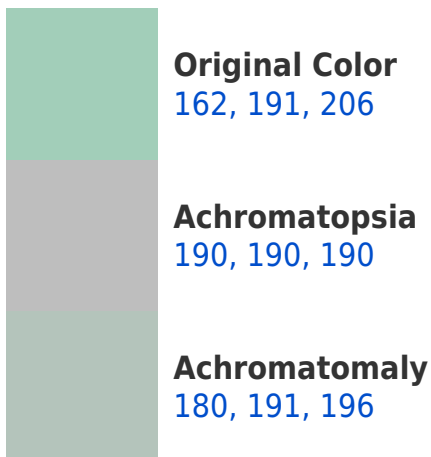


Tritanopia
168, 188, 217

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to RGB 162, 191, 206 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, 206, 185) looks like.

```
.text, #text, p{  
    color:rgb(162, 206, 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, 206, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 206, 185) }
```

Border

The CSS property to change the border of an element to RYB 162, 191, 206 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, 206, 185) }
```

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

```
.border{ border-color:rgb(162, 206, 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, 206, 185) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 206, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 206, 185);  
box-shadow:4px 4px 4px 4px rgb(162, 206,  
185) }
```

Background

The CSS property to change the background color of an element to RYB 162, 191, 206 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 206, 185) }
```

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

```
.background{ background-color: rgb(162,  
206, 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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