

Converting Colors

`RYB(162, 186, 205)`

Have a look what the booklet for
RYB(162, 186, 205) contains.

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Color

`RYB(162, 186, 205)`

Conversions

Conversions Part 1

Format	Color
Hex	A2CDC4
RGB	162, 205, 196
RGB Percent	64%, 80%, 77%
CMY	0.3647, 0.1961, 0.2312
CMYK	0.21, 0.00, 0.04, 0.20
HSL	168°, 30%, 72%
HSV	168°, 21%, 80%
XYZ	46.7002, 55.3314, 60.4681
YIQ	191.1170, -22.7390, -11.9150

Conversions

Conversions Part 2

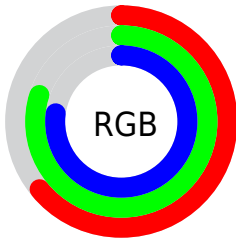
Format	Color
RYB	162, 186, 205
Decimal	10669508
CIELab	79.23, -15.94, -0.20
CIELCh	79, 15.938, 180.723
Yxy	55.3314, 0.2874, 0.3405
Android (android.graphics.Color)	4288859588 (0xFFA2CDC4)
YUV	191.1170, 2.4073, -25.5356
Hunter-Lab	74.3851, -18.1088, 3.8724

Details

The RYB color **162, 186, 205** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **205, 162, 171**, and the grayscale version is **191, 191, 191**.

A 20% lighter version of the original color is **217, 237, 255**, and **109, 133, 151** is the 20% darker color. If you saturate the color by 10%, you get **142, 177, 205**, and if you desaturate by 10%, it is **182, 195, 205**.

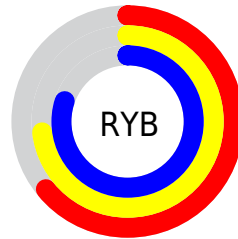
Distribution



Red (64%)

Green (80%)

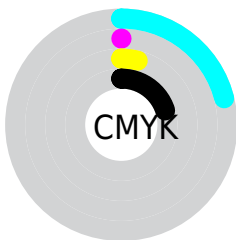
Blue (77%)



Red (64%)

Yellow (73%)

Blue (80%)

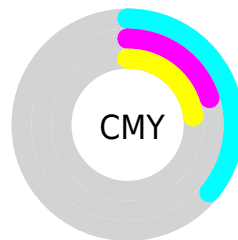


Cyan (21%)

Magenta (0%)

Yellow (4%)

Black (20%)



Cyan (36%)

Magenta (20%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the RYB color 162, 186, 205 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, 186, 205 by changing the saturation by 10% instead.

 162, 186, 205

255, 255, 255


 217, 237, 255


 246, 251, 255

 162, 186, 205


 135, 158, 177


 109, 133, 151

 84, 107, 125


 60, 82, 100


 36, 58, 76


 11, 34, 53

 0, 18, 32


 0, 0, 0

 162, 186, 205


 162, 186, 205

 142, 177, 205


 182, 195, 205

 121, 168, 205

 203, 204, 205

 100, 159, 205


 223, 205, 209

 80, 150, 205


 244, 205, 213

 59, 140, 205


 255, 205, 217

 39, 132, 205

 255, 205, 222

 18, 122, 205

 255, 205, 226

 0, 115, 205

 255, 205, 230

 255, 205, 234

Harmonies

Analogous

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



175, 198, 203



162, 186, 205



158, 183, 211

Triad

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



162, 186, 205



200, 192, 222



221, 202, 171

Complementary

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



162, 186, 205



205, 162, 171

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.



228, 188, 182



162, 186, 205



216, 188, 211

Square

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



162, 186, 205



181, 193, 226



226, 186, 196



186, 208, 167

Rectangle

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



162, 186, 205



161, 185, 219



226, 186, 196



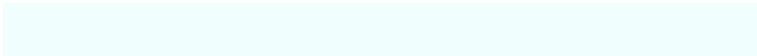
224, 195, 174

Sweetspot

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



162, 186, 205



240, 248, 255



162, 205, 196



119, 124, 128



0, 0, 0



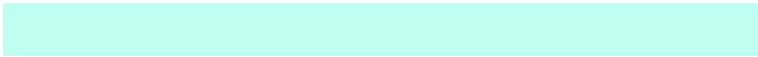
128, 128, 128

Same Dimension

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



162, 186, 205



191, 227, 255



162, 180, 205



92, 98, 102



0, 93, 166



0, 21, 38

Inverse Universe

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



205, 162, 171



255, 191, 205



205, 179, 162



102, 92, 94



166, 0, 35



38, 0, 8

Previews

White Background



This preview shows how the RYB color 162, 186, 205 looks on a white background.

Color Contrast Check

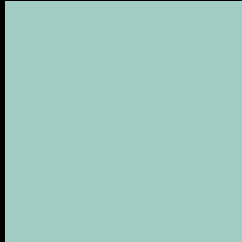
Large Text (above 18pt) WCAG AA × Fail

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, 186, 205 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

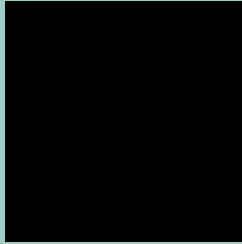
Any Text WCAG AA ✓ Pass

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, 186, 205 Background



This preview shows how black text looks on a background with the RYB color 162, 186, 205.



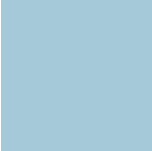
This preview shows how white text looks on a background with the RYB color 162, 186, 205.

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](#).

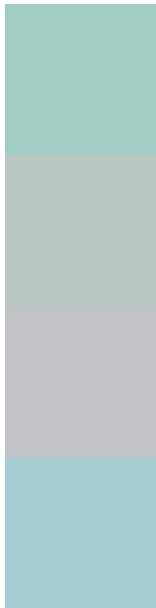
Dichromacy





Tritanopia
166, 187, 218

Trichromacy



Original Color
162, 186, 205

Protanomaly
186, 195, 199

Deuteranomaly
194, 195, 198

Tritanomaly
165, 186, 210

Monochromacy



Original Color
162, 186, 205

Achromatopsia
191, 191, 191

Achromatomaly
180, 189, 196

CSS Examples

Text

The CSS property to change the color of the text to RYB 162, 186, 205 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, 205, 196)` looks like.

```
.text, #text, p{  
    color:rgb(162, 205, 196)  
}
```

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, 205, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 205, 196) }
```

Border

The CSS property to change the border of an element to RYB 162, 186, 205 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, 205, 196) }
```

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

```
.border{ border-color:rgb(162, 205, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 205, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 205, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 205, 196);  
box-shadow:4px 4px 4px 4px rgb(162, 205,  
196) }
```

Background

The CSS property to change the background color of an element to RYB 162, 186, 205 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 205, 196) }
```

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

```
.background{ background-color: rgb(162,  
205, 196) }
```

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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