

Converting Colors

`RYB(169, 195, 205)`

Have a look what the booklet for
RYB(169, 195, 205) contains.

RYB(169, 195, 205)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

R_YB(169, 195, 205)

Conversions

Conversions Part 1

Format	Color
Hex	A9CDB7
RGB	169, 205, 183
RGB Percent	66%, 80%, 72%
CMY	0.3373, 0.1961, 0.2830
CMYK	0.18, 0.00, 0.11, 0.20
HSL	143°, 26%, 73%
HSV	143°, 18%, 80%
XYZ	46.7247, 55.5102, 52.9677
YIQ	191.7280, -14.3940, -14.4740

Conversions

Conversions Part 2

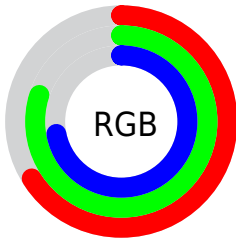
Format	Color
RYB	169, 195, 205
Decimal	11128247
CIELab	79.33, -16.31, 7.07
CIELCh	79, 17.777, 156.549
Yxy	55.5102, 0.3011, 0.3577
Android (android.graphics.Color)	4289318327 (0xFFA9CDB7)
YUV	191.7280, -4.3029, -19.9325
Hunter-Lab	74.5051, -18.4405, 10.0027

Details

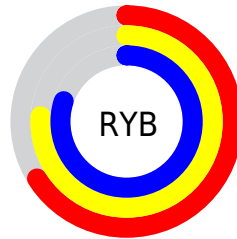
The RYB color **169, 195, 205** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **205, 169, 191**, and the grayscale version is **192, 192, 192**.

A 20% lighter version of the original color is **225, 245, 255**, and **116, 141, 151** is the 20% darker color. If you saturate the color by 10%, you get **149, 190, 205**, and if you desaturate by 10%, it is **190, 201, 205**.

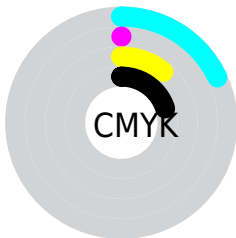
Distribution



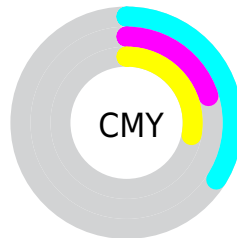
- Red (66%)
- Green (80%)
- Blue (72%)



- Red (66%)
- Yellow (76%)
- Blue (80%)



- Cyan (18%)
- Magenta (0%)
- Yellow (11%)
- Black (20%)



- Cyan (34%)
- Magenta (20%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the RYB color 169, 195, 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 169, 195, 205 by changing the saturation by 10% instead.


 169, 195, 205

255, 255, 255


 225, 245, 255

253, 254, 255

 169, 195, 205

 142, 167, 177

 116, 141, 151

 91, 115, 125

 67, 90, 100

 44, 66, 76

 22, 43, 53

 0, 22, 32


 0, 0, 0


 169, 195, 205


 169, 195, 205

 149, 190, 205


 190, 201, 205

 128, 183, 205


 210, 205, 208

 107, 178, 205

 230, 205, 221

 87, 172, 205


 251, 205, 233

 66, 166, 205

 255, 205, 246

 46, 161, 205

 255, 205, 255

 26, 155, 205

 5, 149, 205

 0, 148, 205

Harmonies

Analogous

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



170, 202, 185



169, 195, 205



156, 183, 206

Triad

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



169, 195, 205



183, 194, 229



230, 189, 178

Complementary

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



169, 195, 205



205, 169, 191

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.



231, 185, 193



169, 195, 205



204, 191, 223

Square

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



169, 195, 205



164, 188, 226



221, 187, 210



221, 210, 167

Rectangle

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



169, 195, 205



153, 181, 211



221, 187, 210



231, 186, 182

Sweetspot

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



169, 195, 205



242, 251, 255



169, 205, 183



120, 126, 128



0, 0, 0



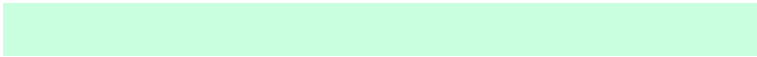
128, 128, 128

Same Dimension

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



169, 195, 205



201, 240, 255



169, 188, 205



92, 99, 102



0, 120, 166



0, 27, 38

Inverse Universe

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



205, 169, 191



255, 201, 234



205, 169, 173



102, 92, 98



166, 0, 102



38, 0, 24

Previews

White Background



This preview shows how the RYB color 169, 195, 205 looks on a white background.

Color Contrast Check

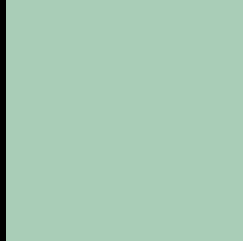
Large Text (above 18pt) WCAG AA × Fail

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 169, 195, 205 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

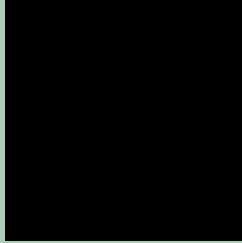
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

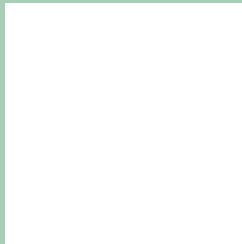
Any Text WCAG AAA ✓ Pass

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

RYB 169, 195, 205 Background



This preview shows how black text looks on a background with the RYB color 169, 195, 205.



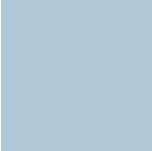
This preview shows how white text looks on a background with the RYB color 169, 195, 205.

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
175, 191, 216

Trichromacy



Original Color

169, 195, 205

Protanomaly

180, 199, 188

Deuteranomaly

195, 201, 185

Tritanomaly

173, 188, 204

Monochromacy



Original Color

169, 195, 205

Achromatopsia

192, 192, 192

Achromatomaly

184, 193, 197

CSS Examples

Text

The CSS property to change the color of the text to RYB 169, 195, 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(169, 205, 183)` looks like.

```
.text, #text, p{  
    color:rgb(169, 205, 183)  
}
```

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(169, 205, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 205, 183) }
```

Border

The CSS property to change the border of an element to RYB 169, 195, 205 is called "border". The border property can be set on classes, ids or directly on the HTML element.

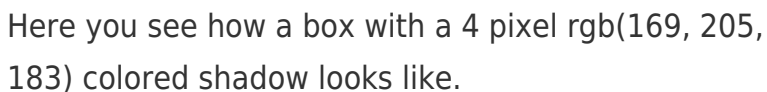
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(169, 205, 183) }
```

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

```
.border{ border-color:rgb(169, 205, 183) }
```

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



Here you see how a box with a 4 pixel `rgb(169, 205, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(169, 205, 183); -webkit-box-shadow:4px 4px 4px 4px rgb(169, 205, 183); box-shadow:4px 4px 4px 4px rgb(169, 205, 183) }
```

Background

The CSS property to change the background color of an element to RYB 169, 195, 205 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 205, 183) }
```

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

```
.background{ background-color: rgb(169,  
205, 183) }
```

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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