

Converting Colors

`RYB(168, 195, 215)`

Have a look what the booklet for
RYB(168, 195, 215) contains.

RYB(168, 195, 215)	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

$\text{RYB}(168, 195, 215)$

Conversions

Conversions Part 1

Format	Color
Hex	A8D7CB
RGB	168, 215, 203
RGB Percent	66%, 84%, 80%
CMY	0.3412, 0.1569, 0.2046
CMYK	0.22, 0.00, 0.06, 0.16
HSL	164°, 37%, 75%
HSV	164°, 22%, 84%
XYZ	51.2063, 61.2287, 65.5037
YIQ	199.5790, -24.1600, -13.6960

Conversions

Conversions Part 2

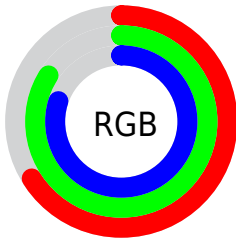
Format	Color
RYB	168, 195, 215
Decimal	11065291
CIELab	82.50, -17.73, 0.99
CIElCh	83, 17.756, 176.790
Yxy	61.2287, 0.2878, 0.3441
Android (android.graphics.Color)	4289255371 (0xFFA8D7CB)
YUV	199.5790, 1.6866, -27.6948
Hunter-Lab	78.2488, -20.1242, 5.1412

Details

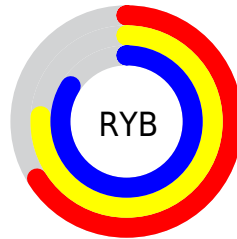
The RYB color **168, 195, 215** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **215, 168, 180**, and the grayscale version is **200, 200, 200**.

A 20% lighter version of the original color is **224, 240, 255**, and **115, 141, 160** is the 20% darker color. If you saturate the color by 10%, you get **147, 186, 215**, and if you desaturate by 10%, it is **190, 205, 215**.

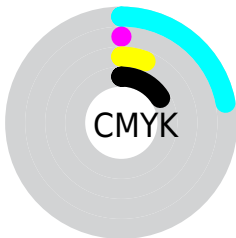
Distribution



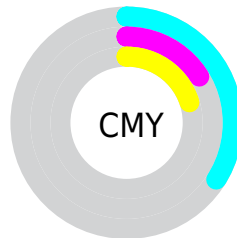
- Red (66%)
- Green (84%)
- Blue (80%)



- Red (66%)
- Yellow (76%)
- Blue (84%)



- Cyan (22%)
- Magenta (0%)
- Yellow (6%)
- Black (16%)



- Cyan (34%)
- Magenta (16%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the RYB color 168, 195, 215 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 168, 195, 215 by changing the saturation by 10% instead.


 168, 195, 215

255, 255, 255


 224, 240, 255

253, 254, 255


 168, 195, 215

 141, 167, 187

 115, 141, 160


 90, 115, 134

 65, 89, 108

 41, 65, 84

 16, 41, 61


 0, 22, 39

 0, 12, 16

 0, 0, 0

 168, 195, 215

 168, 195, 215

 147, 186, 215


 190, 205, 215

 125, 177, 215


 211, 213, 215

 103, 167, 215


 233, 215, 220

 82, 158, 215


 254, 215, 225

 61, 149, 215

 255, 215, 231

 39, 140, 215

 255, 215, 236

 17, 131, 215

 255, 215, 242

 0, 124, 215

 255, 215, 247

 255, 215, 253

Harmonies

Analogous

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



183, 209, 213



168, 195, 215



162, 190, 220

Triad

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



168, 195, 215



206, 202, 235



234, 209, 178

Complementary

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



168, 195, 215



215, 168, 180

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.



241, 195, 191



168, 195, 215



226, 197, 224

Square

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



168, 195, 215



185, 201, 238



238, 194, 208



196, 220, 172

Rectangle

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



168, 195, 215



164, 192, 229



238, 194, 208



237, 203, 182

Sweetspot

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



168, 195, 215



237, 247, 255



168, 215, 202



117, 123, 128



0, 0, 0



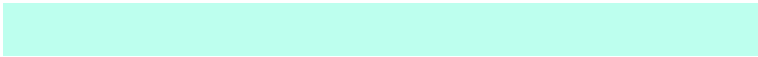
128, 128, 128

Same Dimension

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



168, 195, 215



189, 227, 255



168, 188, 215



96, 102, 107



0, 98, 171



0, 25, 43

Inverse Universe

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



215, 168, 180



255, 189, 206



215, 182, 168



107, 96, 99



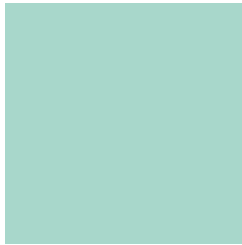
171, 0, 44



43, 0, 11

Previews

White Background



This preview shows how the RYB color 168, 195, 215 looks on a white background.

Color Contrast Check

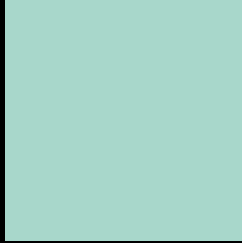
Large Text (above 18pt) WCAG AA × Fail

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 168, 195, 215 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

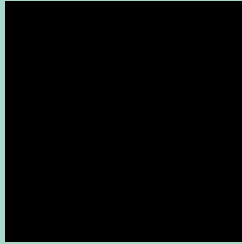
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

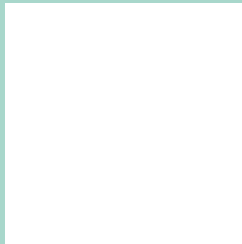
Any Text WCAG AAA ✓ Pass

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

RYB 168, 195, 215 Background



This preview shows how black text looks on a background with the RYB color 168, 195, 215.



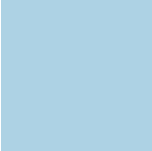
This preview shows how white text looks on a background with the RYB color 168, 195, 215.

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





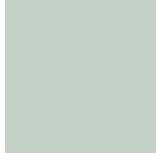
Tritanopia
173, 195, 228

Trichromacy



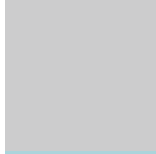
Original Color

168, 195, 215



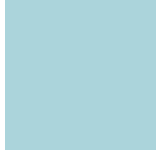
Protanomaly

195, 205, 208



Deuteranomaly

204, 204, 205



Tritanomaly

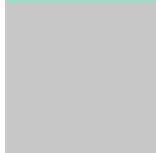
171, 193, 219

Monochromacy



Original Color

168, 195, 215



Achromatopsia

200, 200, 200



Achromatomaly

188, 198, 205

CSS Examples

Text

The CSS property to change the color of the text to RYB 168, 195, 215 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(168, 215, 203)` looks like.

```
.text, #text, p{  
    color:rgb(168, 215, 203)  
}
```

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(168, 215, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 215, 203) }
```

Border

The CSS property to change the border of an element to RYB 168, 195, 215 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(168, 215, 203) }
```

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

```
.border{ border-color:rgb(168, 215, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 215, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 215, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 215, 203);  
box-shadow:4px 4px 4px 4px rgb(168, 215,  
203) }
```

Background

The CSS property to change the background color of an element to RYB 168, 195, 215 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 215, 203) }
```

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

```
.background{ background-color: rgb(168,  
215, 203) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor