

Converting Colors

`RYB(183, 200, 211)`

Have a look what the booklet for
RYB(183, 200, 211) contains.

RYB(183, 200, 211)	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(183, 200, 211)

Conversions

Conversions Part 1

Format	Color
Hex	B7D3C9
RGB	183, 211, 201
RGB Percent	72%, 83%, 79%
CMY	0.2824, 0.1725, 0.2113
CMYK	0.13, 0.00, 0.05, 0.17
HSL	159°, 24%, 77%
HSV	159°, 13%, 83%
XYZ	53.3792, 60.8784, 64.2683
YIQ	201.4880, -13.4780, -9.0460

Conversions

Conversions Part 2

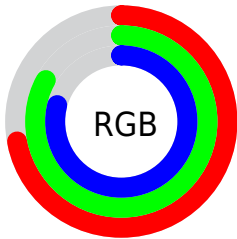
Format	Color
RYB	183, 200, 211
Decimal	12047305
CIELab	82.31, -11.24, 1.74
CIElCh	82, 11.375, 171.212
Yxy	60.8784, 0.2990, 0.3410
Android (android.graphics.Color)	4290237385 (0xFFB7D3C9)
YUV	201.4880, -0.2406, -16.2140
Hunter-Lab	78.0246, -14.4254, 5.7805

Details

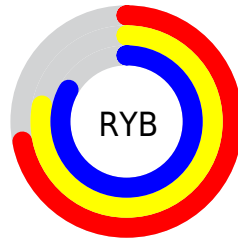
The RYB color **183, 200, 211** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **211, 183, 193**, and the grayscale version is **202, 202, 202**.

A 20% lighter version of the original color is **239, 247, 255**, and **130, 146, 156** is the 20% darker color. If you saturate the color by 10%, you get **162, 192, 211**, and if you desaturate by 10%, it is **204, 208, 211**.

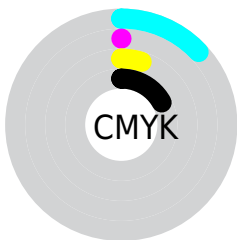
Distribution



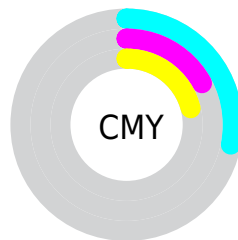
- Red (72%)
- Green (83%)
- Blue (79%)



- Red (72%)
- Yellow (78%)
- Blue (83%)



- Cyan (13%)
- Magenta (0%)
- Yellow (5%)
- Black (17%)



- Cyan (28%)
- Magenta (17%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the RYB color 183, 200, 211 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 183, 200, 211 by changing the saturation by 10% instead.


 183, 200, 211


255, 255, 255

 239, 247, 255

 183, 200, 211

 156, 172, 183

 130, 146, 156


 104, 120, 130

 80, 95, 105

 57, 71, 81

 34, 48, 58


 13, 27, 36

 0, 12, 15


 0, 0, 0

 183, 200, 211


 183, 200, 211

 162, 192, 211


 204, 208, 211

 141, 184, 211


 225, 211, 216

 120, 175, 211


 246, 211, 223

 99, 167, 211


 255, 211, 231

 78, 159, 211


 255, 211, 238

 56, 150, 211

 255, 211, 246

 35, 142, 211

 255, 211, 253

 14, 133, 211

 255, 211, 255

 0, 128, 211

Harmonies

Analogous

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



191, 209, 207



183, 200, 211



178, 195, 212

Triad

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



183, 200, 211



203, 203, 225



225, 205, 189

Complementary

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



183, 200, 211



211, 183, 193

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, 198, 197



183, 200, 211



216, 200, 218

Square

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



183, 200, 211



190, 202, 226



225, 198, 208



208, 217, 184

Rectangle

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



183, 200, 211



179, 196, 218



225, 198, 208



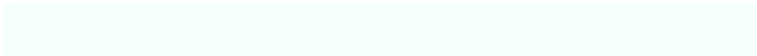
227, 201, 191

Sweetspot

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



183, 200, 211



245, 251, 255



183, 211, 201



121, 125, 128



0, 0, 0



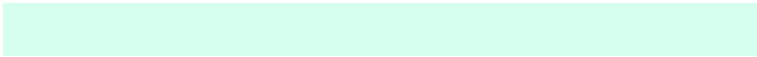
128, 128, 128

Same Dimension

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



183, 200, 211



214, 239, 255



183, 196, 211



94, 101, 105



0, 102, 168



0, 25, 41

Inverse Universe

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



211, 183, 193



255, 214, 229



211, 188, 183



105, 94, 98



168, 0, 59



41, 0, 14

Previews

White Background



This preview shows how the RYB color 183, 200, 211 looks on a white background.

Color Contrast Check

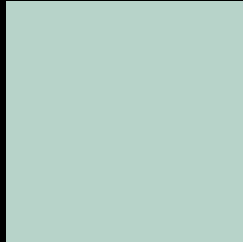
Large Text (above 18pt) WCAG AA × Fail

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 183, 200, 211 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

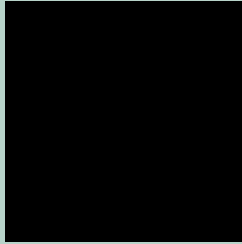
Any Text WCAG AA ✓ Pass

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 183, 200, 211 Background



This preview shows how black text looks on a background with the RYB color 183, 200, 211.



This preview shows how white text looks on a background with the RYB color 183, 200, 211.

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
187, 200, 224

Trichromacy



Original Color

183, 200, 211

Protanomaly

198, 207, 205

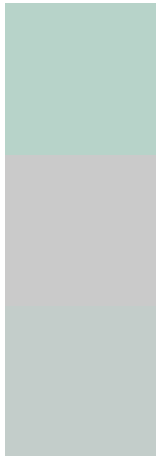
Deuteranomaly

209, 203, 203

Tritanomaly

186, 199, 216

Monochromacy



Original Color

183, 200, 211

Achromatopsia

202, 202, 202

Achromatomaly

195, 201, 205

CSS Examples

Text

The CSS property to change the color of the text to RYB 183, 200, 211 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(183, 211, 201)` looks like.

```
.text, #text, p{  
    color:rgb(183, 211, 201)  
}
```

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(183, 211, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 211, 201) }
```

Border

The CSS property to change the border of an element to RYB 183, 200, 211 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(183, 211, 201) }
```

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

```
.border{ border-color:rgb(183, 211, 201) }
```

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

Here you see how a box with a 4 pixel rgb(183, 211, 201) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 211, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 211, 201);  
box-shadow:4px 4px 4px 4px rgb(183, 211,  
201) }
```

Background

The CSS property to change the background color of an element to RYB 183, 200, 211 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 211, 201) }
```

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

```
.background{ background-color: rgb(183,  
211, 201) }
```

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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