

Converting Colors

`RYB(173, 196, 217)`

Have a look what the booklet for
RYB(173, 196, 217) contains.

RYB(173, 196, 217)	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(173, 196, 217)

Conversions

Conversions Part 1

Format	Color
Hex	ADD9D5
RGB	173, 217, 213
RGB Percent	68%, 85%, 84%
CMY	0.3216, 0.1490, 0.1640
CMYK	0.20, 0.00, 0.02, 0.15
HSL	175°, 37%, 76%
HSV	175°, 20%, 85%
XYZ	54.0788, 63.3229, 72.4389
YIQ	203.3880, -24.9400, -10.5720

Conversions

Conversions Part 2

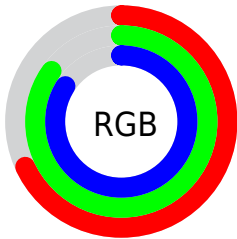
Format	Color
RYB	173, 196, 217
Decimal	11393493
CIELab	83.61, -15.04, -2.85
CIELCh	84, 15.313, 190.730
Yxy	63.3229, 0.2849, 0.3336
Android (android.graphics.Color)	4289583573 (0xFFADD9D5)
YUV	203.3880, 4.7387, -26.6503
Hunter-Lab	79.5757, -17.9508, 1.7304

Details

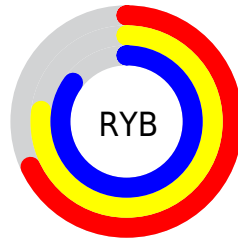
The RYB color **173, 196, 217** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **217, 173, 177**, and the grayscale version is **203, 203, 203**.

A 20% lighter version of the original color is **229, 242, 255**, and **120, 142, 162** is the 20% darker color. If you saturate the color by 10%, you get **151, 186, 217**, and if you desaturate by 10%, it is **195, 207, 217**.

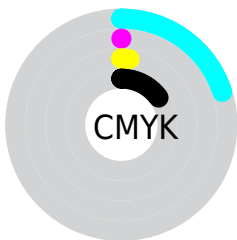
Distribution



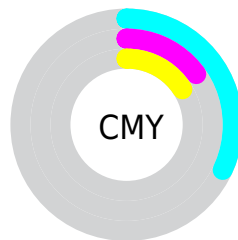
- Red (68%)
- Green (85%)
- Blue (84%)



- Red (68%)
- Yellow (77%)
- Blue (85%)



- Cyan (20%)
- Magenta (0%)
- Yellow (2%)
- Black (15%)



- Cyan (32%)
- Magenta (15%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the RYB color 173, 196, 217 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 173, 196, 217 by changing the saturation by 10% instead.


 173, 196, 217


255, 255, 255

 229, 242, 255

 173, 196, 217


 146, 168, 189

 120, 142, 162


 94, 116, 136

 69, 90, 110

 45, 66, 86


 21, 42, 62


 0, 21, 40

 0, 11, 21


 0, 0, 0

 173, 196, 217

 173, 196, 217

 151, 186, 217


 195, 207, 217

 130, 176, 217


 216, 217, 217

 108, 165, 217


 238, 217, 219

 86, 154, 217


 255, 217, 221

 65, 144, 217


 255, 217, 223

 43, 134, 217

 255, 217, 224

 21, 123, 217

 255, 217, 226

 0, 113, 217

 255, 217, 228

 255, 217, 230

Harmonies

Analogous

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



183, 206, 216



173, 196, 217



173, 197, 227

Triad

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



173, 196, 217



218, 203, 230



229, 223, 182

Complementary

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



173, 196, 217



217, 173, 177

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.



238, 203, 190



173, 196, 217



232, 200, 218

Square

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



173, 196, 217



199, 206, 236



239, 199, 204



187, 215, 180

Rectangle

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



173, 196, 217



178, 200, 233



239, 199, 204



233, 215, 184

Sweetspot

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



173, 196, 217



240, 248, 255



173, 217, 213



119, 124, 128



0, 0, 0



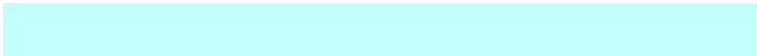
128, 128, 128

Same Dimension

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



173, 196, 217



194, 226, 255



173, 189, 217



99, 105, 110



0, 90, 173



0, 24, 46

Inverse Universe

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



217, 173, 177



255, 194, 199



217, 203, 173



110, 99, 100



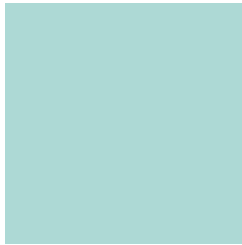
173, 0, 15



46, 0, 4

Previews

White Background



This preview shows how the RYB color 173, 196, 217 looks on a white background.

Color Contrast Check

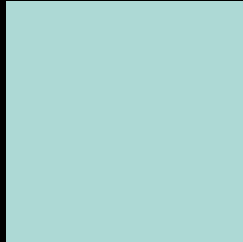
Large Text (above 18pt) WCAG AA × Fail

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 173, 196, 217 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

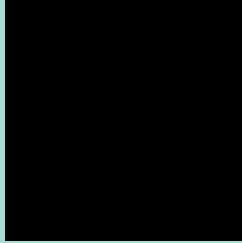
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

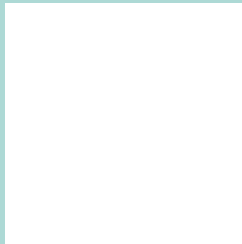
Any Text WCAG AAA ✓ Pass

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

RYB 173, 196, 217 Background



This preview shows how black text looks on a background with the RYB color 173, 196, 217.

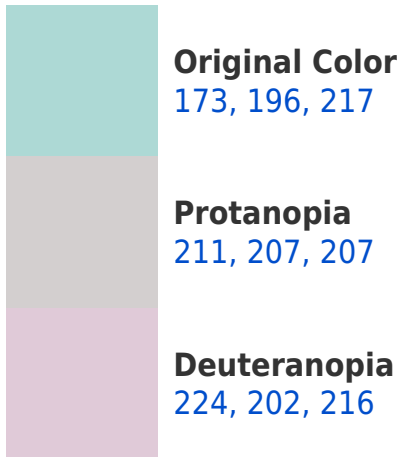


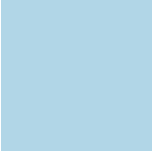
This preview shows how white text looks on a background with the RYB color 173, 196, 217.

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
177, 199, 231

Trichromacy



Original Color
173, 196, 217

Protanomaly
197, 205, 211

Deuteranomaly
205, 207, 215

Tritanomaly
176, 198, 225

Monochromacy



Original Color
173, 196, 217

Achromatopsia
203, 203, 203

Achromatomaly
192, 200, 208

CSS Examples

Text

The CSS property to change the color of the text to RGB 173, 196, 217 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(173, 217, 213) looks like.

```
.text, #text, p{  
    color:rgb(173, 217, 213)  
}
```

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(173, 217, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 217, 213) }
```

Border

The CSS property to change the border of an element to RYB 173, 196, 217 is called "border". The border property can be set on classes, ids or directly on the HTML element.

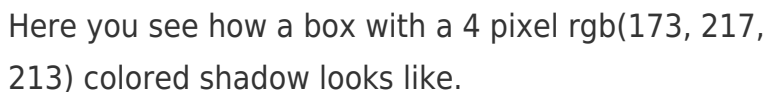
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(173, 217, 213) }
```

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

```
.border{ border-color:rgb(173, 217, 213) }
```

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



Here you see how a box with a 4 pixel rgb(173, 217, 213) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 217, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 217, 213);  
box-shadow:4px 4px 4px 4px rgb(173, 217,  
213) }
```

Background

The CSS property to change the background color of an element to RYB 173, 196, 217 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 217, 213) }
```

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

```
.background{ background-color: rgb(173,  
217, 213) }
```

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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