

Converting Colors

`RYB(177, 202, 199)`

Have a look what the booklet for
RYB(177, 202, 199) contains.

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Color

R_YB(177, 202, 199)

Conversions

Conversions Part 1

Format	Color
Hex	B4CAB1
RGB	180, 202, 177
RGB Percent	71%, 79%, 69%
CMY	0.2941, 0.2078, 0.3059
CMYK	0.11, 0.00, 0.12, 0.21
HSL	113°, 19%, 74%
HSV	113°, 12%, 79%
XYZ	47.8787, 55.1187, 49.7105
YIQ	192.5720, -5.0870, -12.4390

Conversions

Conversions Part 2

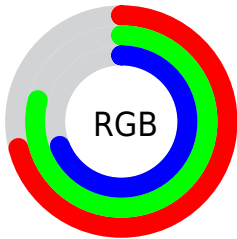
Format	Color
RYB	177, 202, 199
Decimal	11848369
CIELab	79.11, -12.12, 9.98
CIELCh	79, 15.699, 140.527
Yxy	55.1187, 0.3135, 0.3609
Android (android.graphics.Color)	4290038449 (0xFFB4CAB1)
YUV	192.5720, -7.6770, -11.0256
Hunter-Lab	74.2420, -14.8086, 12.2703

Details

The RYB color **177, 202, 199** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **199, 177, 202**, and the grayscale version is **193, 193, 193**.

A 20% lighter version of the original color is **233, 255, 252**, and **124, 148, 145** is the 20% darker color. If you saturate the color by 10%, you get **157, 202, 197**, and if you desaturate by 10%, it is **197, 202, 201**.

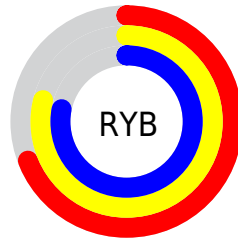
Distribution



Red (71%)

Green (79%)

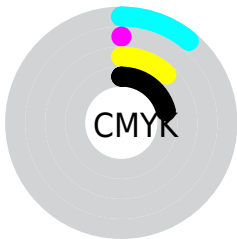
Blue (69%)



Red (69%)

Yellow (79%)

Blue (78%)

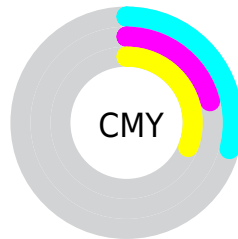


Cyan (11%)

Magenta (0%)

Yellow (12%)

Black (21%)



Cyan (29%)

Magenta (21%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the RYB color 177, 202, 199 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 177, 202, 199 by changing the saturation by 10% instead.


 177, 202, 199


255, 255, 255

 233, 255, 252


 177, 202, 199

 150, 175, 172

 124, 148, 145

 99, 122, 119

 76, 97, 95

 53, 73, 71

 32, 51, 50

 8, 30, 25

 0, 0, 0

 177, 202, 199

 177, 202, 199

■ 157, 202, 197

■ 197, 202, 201

■ 137, 202, 195

■ 216, 202, 217

■ 116, 202, 191

■ 233, 202, 238

■ 96, 202, 189

■ 251, 202, 255

■ 76, 202, 187

■ 255, 202, 255

■ 56, 202, 185

■ 36, 202, 182

■ 15, 202, 179

■ 0, 202, 178

Harmonies

Analogous

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



168, 198, 169



177, 202, 199



166, 189, 204

Triad

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



177, 202, 199



175, 191, 224



227, 186, 186

Complementary

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



177, 202, 199



199, 177, 202

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.



223, 186, 201



177, 202, 199



193, 194, 223

Square

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



177, 202, 199



161, 185, 218



211, 189, 215



223, 196, 174

Rectangle

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



177, 202, 199



160, 184, 205



211, 189, 215



227, 186, 191

Sweetspot

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



177, 202, 199



245, 255, 254



180, 202, 177



121, 128, 127



0, 0, 0



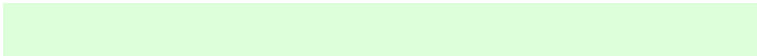
128, 128, 128

Same Dimension

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



177, 202, 199



217, 255, 251



177, 195, 202



92, 102, 101



0, 166, 146



0, 38, 33

Inverse Universe

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



199, 177, 202



250, 217, 255



202, 177, 193



101, 92, 102



146, 0, 166



34, 0, 38

Previews

White Background



This preview shows how the RYB color 177, 202, 199 looks on a white background.

Color Contrast Check

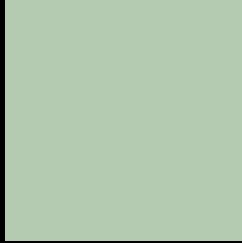
Large Text (above 18pt) WCAG AA × Fail

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 177, 202, 199 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

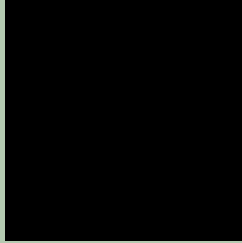
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

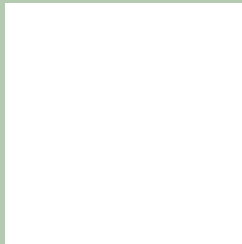
Any Text WCAG AAA ✓ Pass

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

R Y B 177, 202, 199 Background



This preview shows how black text looks on a background with the R Y B color 177, 202, 199.



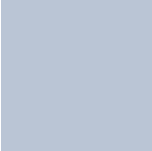
This preview shows how white text looks on a background with the R Y B color 177, 202, 199.

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](#).

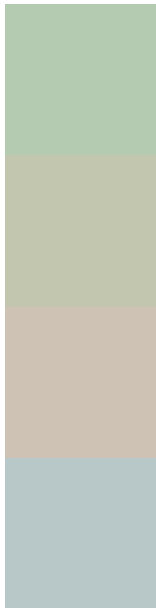
Dichromacy





Tritanopia
186, 194, 213

Trichromacy



Original Color

177, 202, 199

Protanomaly

174, 198, 177

Deuteranomaly

198, 205, 179

Tritanomaly

184, 192, 200

Monochromacy



Original Color

177, 202, 199

Achromatopsia

193, 193, 193

Achromatomaly

187, 196, 195

CSS Examples

Text

The CSS property to change the color of the text to RYB 177, 202, 199 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(180, 202, 177)` looks like.

```
.text, #text, p{  
    color:rgb(180, 202, 177)  
}
```

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(180, 202, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 202, 177) }
```

Border

The CSS property to change the border of an element to RYB 177, 202, 199 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(180, 202, 177) }
```

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

```
.border{ border-color:rgb(180, 202, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 202, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 202, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 202, 177);  
box-shadow:4px 4px 4px 4px rgb(180, 202,  
177) }
```

Background

The CSS property to change the background color of an element to RYB 177, 202, 199 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 202, 177) }
```

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

```
.background{ background-color: rgb(180,  
202, 177) }
```

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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