

Converting Colors

`RYB(177, 204, 200)`

Have a look what the booklet for
RYB(177, 204, 200) contains.

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Color

R_YB(177, 204, 200)

Conversions

Conversions Part 1

Format	Color
Hex	B5CCB1
RGB	181, 204, 177
RGB Percent	71%, 80%, 69%
CMY	0.2902, 0.2000, 0.3059
CMYK	0.11, 0.00, 0.13, 0.20
HSL	111°, 21%, 75%
HSV	111°, 13%, 80%
XYZ	48.5847, 56.1838, 49.8788
YIQ	194.0450, -5.0410, -13.2730

Conversions

Conversions Part 2

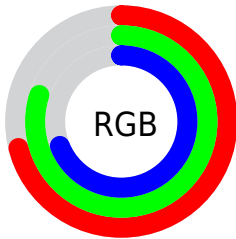
Format	Color
RYB	177, 204, 200
Decimal	11914417
CIELab	79.72, -12.80, 10.86
CIELCh	80, 16.781, 139.690
Yxy	56.1838, 0.3142, 0.3633
Android (android.graphics.Color)	4290104497 (0xFFB5CCB1)
YUV	194.0450, -8.4032, -11.4405
Hunter-Lab	74.9559, -15.4730, 13.0150

Details

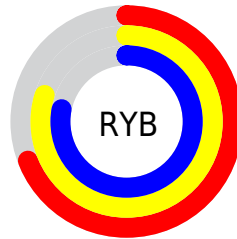
The RYB color **177, 204, 200** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **200, 177, 204**, and the grayscale version is **194, 194, 194**.

A 20% lighter version of the original color is **233, 255, 251**, and **124, 150, 146** is the 20% darker color. If you saturate the color by 10%, you get **157, 204, 197**, and if you desaturate by 10%, it is **197, 204, 203**.

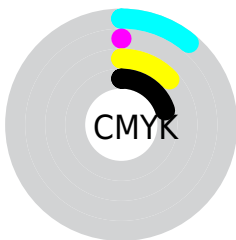
Distribution



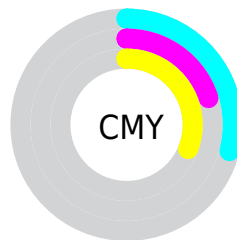
- Red (71%)
- Green (80%)
- Blue (69%)



- Red (69%)
- Yellow (80%)
- Blue (78%)



- Cyan (11%)
- Magenta (0%)
- Yellow (13%)
- Black (20%)



- Cyan (29%)
- Magenta (20%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the RYB color 177, 204, 200 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, 204, 200 by changing the saturation by 10% instead.

■ 177, 204, 200

255, 255, 255

■ 233, 255, 251

■ 177, 204, 200

■ 150, 177, 173

■ 124, 150, 146

■ 99, 124, 120

■ 76, 99, 96

■ 53, 75, 73

■ 31, 52, 50

■ 8, 31, 26

■ 0, 0, 0

■ 177, 204, 200

■ 177, 204, 200

 157, 204, 197

 197, 204, 203

 136, 204, 194

 216, 204, 218

 116, 204, 191

 233, 204, 238

 95, 204, 188

 251, 204, 255

 75, 204, 185

 255, 204, 255

 55, 204, 182

 34, 204, 179

 14, 204, 176

 0, 204, 174

Harmonies

Analogous

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



168, 200, 169



177, 204, 200



165, 190, 206

Triad

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



177, 204, 200



174, 192, 228



231, 187, 188

Complementary

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



177, 204, 200



200, 177, 204

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.



226, 187, 204



177, 204, 200



194, 195, 227

Square

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



177, 204, 200



160, 186, 221



213, 190, 218



227, 197, 174

Rectangle

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



177, 204, 200



159, 184, 207



213, 190, 218



230, 187, 193

Sweetspot

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



177, 204, 200



245, 255, 254



182, 204, 177



121, 128, 127



0, 0, 0



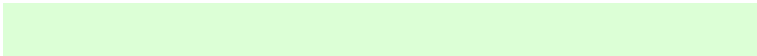
128, 128, 128

Same Dimension

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



177, 204, 200



214, 255, 249



177, 197, 204



92, 102, 101



0, 166, 141



0, 38, 32

Inverse Universe

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



200, 177, 204



249, 214, 255



204, 177, 195



100, 92, 102



141, 0, 166



33, 0, 38

Previews

White Background



This preview shows how the RYB color 177, 204, 200 looks on a white background.

Color Contrast Check

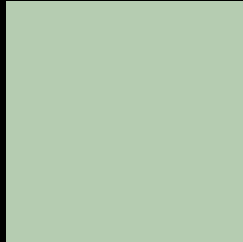
Large Text (above 18pt) WCAG AA × Fail

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, 204, 200 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

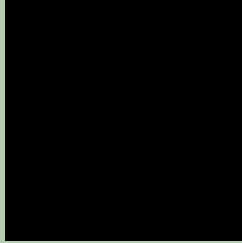
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

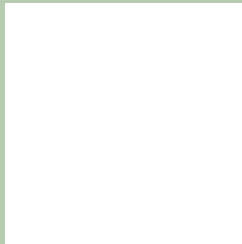
Any Text WCAG AAA ✓ Pass

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

RYB 177, 204, 200 Background



This preview shows how black text looks on a background with the RYB color 177, 204, 200.



This preview shows how white text looks on a background with the RYB color 177, 204, 200.

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](#).

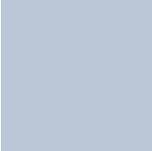
Dichromacy



Original Color
177, 204, 200

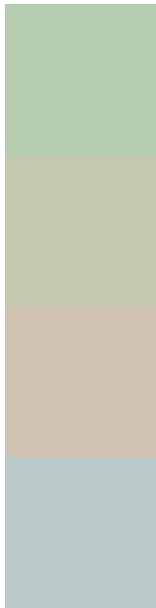
Protanopia
185, 206, 173

Deuteranopia
223, 193, 180



Tritanopia
187, 195, 214

Trichromacy



Original Color

177, 204, 200

Protanomaly

174, 200, 177

Deuteranomaly

203, 208, 179

Tritanomaly

185, 193, 201

Monochromacy



Original Color

177, 204, 200

Achromatopsia

194, 194, 194

Achromatomaly

188, 198, 197

CSS Examples

Text

The CSS property to change the color of the text to RYB 177, 204, 200 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(181, 204, 177)` looks like.

```
.text, #text, p{  
    color:rgb(181, 204, 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(181, 204, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 204, 177) }
```

Border

The CSS property to change the border of an element to RYB 177, 204, 200 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(181, 204, 177) }
```

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

```
.border{ border-color:rgb(181, 204, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 204, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 204, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 204, 177);  
box-shadow:4px 4px 4px 4px rgb(181, 204,  
177) }
```

Background

The CSS property to change the background color of an element to RYB 177, 204, 200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 204, 177) }
```

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

```
.background{ background-color: rgb(181,  
204, 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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