

Converting Colors

`RYB(177, 206, 197)`

Have a look what the booklet for
RYB(177, 206, 197) contains.

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Color

R_YB(177, 206, 197)

Conversions

Conversions Part 1

Format	Color
Hex	BACEB1
RGB	186, 206, 177
RGB Percent	73%, 81%, 69%
CMY	0.2706, 0.1922, 0.3059
CMYK	0.10, 0.00, 0.14, 0.19
HSL	101°, 23%, 75%
HSV	101°, 14%, 81%
XYZ	50.2568, 57.7560, 50.0942
YIQ	196.7140, -2.6110, -13.2590

Conversions

Conversions Part 2

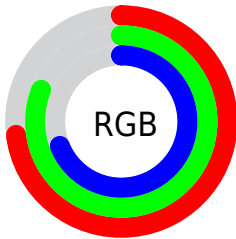
Format	Color
RYB	177, 206, 197
Decimal	12242609
CIELab	80.60, -12.07, 12.16
CIELCh	81, 17.137, 134.799
Yxy	57.7560, 0.3179, 0.3653
Android (android.graphics.Color)	4290432689 (0xFFBACEB1)
YUV	196.7140, -9.7190, -9.3962
Hunter-Lab	75.9974, -14.9540, 14.1168

Details

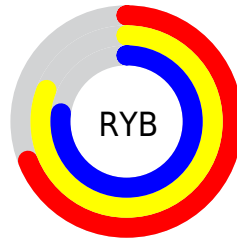
The RYB color **177, 206, 197** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **197, 177, 206**, and the grayscale version is **197, 197, 197**.

A 20% lighter version of the original color is **233, 255, 246**, and **124, 152, 143** is the 20% darker color. If you saturate the color by 10%, you get **156, 206, 190**, and if you desaturate by 10%, it is **198, 206, 204**.

Distribution



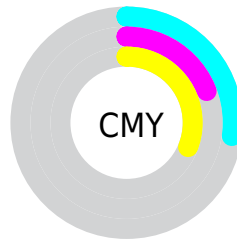
- Red (73%)
- Green (81%)
- Blue (69%)



- Red (69%)
- Yellow (81%)
- Blue (77%)



- Cyan (10%)
- Magenta (0%)
- Yellow (14%)
- Black (19%)



- Cyan (27%)
- Magenta (19%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the RYB color 177, 206, 197 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, 206, 197 by changing the saturation by 10% instead.

■ 177, 206, 197

255, 255, 255

■ 233, 255, 246

■ 177, 206, 197

■ 150, 178, 169

■ 124, 152, 143

■ 99, 126, 118

■ 75, 101, 93

■ 53, 77, 70

■ 31, 54, 48

■ 8, 33, 23

■ 0, 4, 4

■ 0, 0, 0

 177, 206, 197

 177, 206, 197

 156, 206, 190

 198, 206, 204

 136, 206, 184

 214, 206, 218

 115, 206, 178

 229, 206, 239

 95, 206, 172

 243, 206, 255

 74, 206, 165

 255, 206, 255

 53, 206, 158

 33, 206, 152

 12, 206, 146

 0, 206, 142

Harmonies

Analogous

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



172, 204, 169



177, 206, 197



169, 195, 209

Triad

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



177, 206, 197



173, 193, 230



234, 189, 193

Complementary

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



177, 206, 197



197, 177, 206

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.



227, 190, 209



177, 206, 197



193, 198, 231

Square

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



177, 206, 197



160, 187, 222



213, 193, 223



231, 197, 178

Rectangle

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



177, 206, 197



162, 188, 210



213, 193, 223



233, 189, 198

Sweetspot

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



177, 206, 197



245, 255, 252



190, 206, 177



121, 128, 126



0, 0, 0



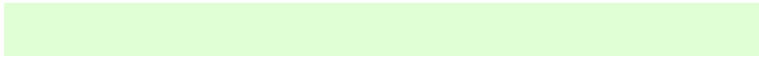
128, 128, 128

Same Dimension

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



177, 206, 197



212, 255, 242



177, 202, 206



92, 102, 99



0, 166, 115



0, 38, 26

Inverse Universe

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



197, 177, 206



242, 212, 255



206, 177, 201



99, 92, 102



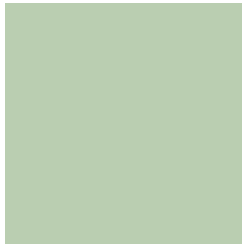
114, 0, 166



26, 0, 38

Previews

White Background



This preview shows how the RYB color 177, 206, 197 looks on a white background.

Color Contrast Check

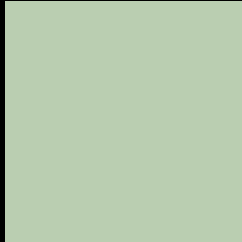
Large Text (above 18pt) WCAG AA × Fail

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, 206, 197 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

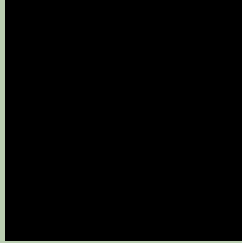
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

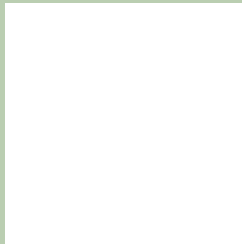
Any Text WCAG AAA ✓ Pass

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

RYB 177, 206, 197 Background



This preview shows how black text looks on a background with the RYB color 177, 206, 197.

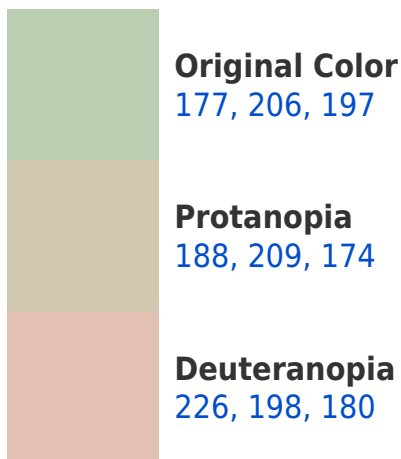


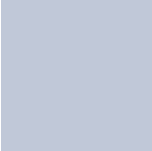
This preview shows how white text looks on a background with the RYB color 177, 206, 197.

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](#).

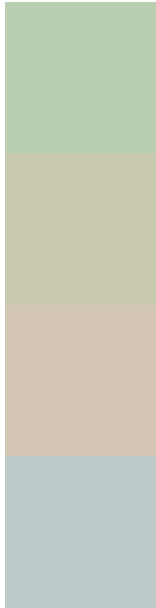
Dichromacy





Tritanopia
192, 198, 216

Trichromacy



Original Color

177, 206, 197

Protanomaly

175, 202, 176

Deuteranomaly

201, 211, 179

Tritanomaly

190, 196, 202

Monochromacy



Original Color

177, 206, 197

Achromatopsia

197, 197, 197

Achromatomaly

190, 200, 197

CSS Examples

Text

The CSS property to change the color of the text to RYB 177, 206, 197 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(186, 206, 177)` looks like.

```
.text, #text, p{  
    color:rgb(186, 206, 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(186, 206, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 206, 177) }
```

Border

The CSS property to change the border of an element to RYB 177, 206, 197 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(186, 206, 177) }
```

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

```
.border{ border-color:rgb(186, 206, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 206, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(186, 206, 177); -webkit-box-shadow:4px 4px 4px 4px rgb(186, 206, 177); box-shadow:4px 4px 4px 4px rgb(186, 206, 177) }
```

Background

The CSS property to change the background color of an element to RYB 177, 206, 197 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 206, 177) }
```

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

```
.background{ background-color: rgb(186,  
206, 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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