

Converting Colors

`RYB(167, 206, 177)`

Have a look what the booklet for
RYB(167, 206, 177) contains.

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Color

R_YB(167, 206, 177)

Conversions

Conversions Part 1

Format	Color
Hex	C4CEA7
RGB	196, 206, 167
RGB Percent	77%, 81%, 65%
CMY	0.2314, 0.1922, 0.3451
CMYK	0.05, 0.00, 0.19, 0.19
HSL	75°, 28%, 73%
HSV	75°, 19%, 81%
XYZ	51.8113, 58.6684, 45.1526
YIQ	198.5640, 6.5590, -14.2490

Conversions

Conversions Part 2

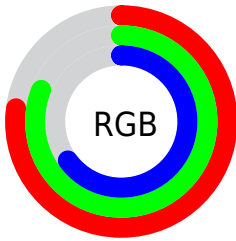
Format	Color
RYB	167, 206, 177
Decimal	12897959
CIELab	81.11, -10.13, 18.29
CIELCh	81, 20.904, 118.985
Yxy	58.6684, 0.3329, 0.3770
Android (android.graphics.Color)	4291088039 (0xFFC4CEA7)
YUV	198.5640, -15.5611, -2.2486
Hunter-Lab	76.5953, -13.2991, 18.6655

Details

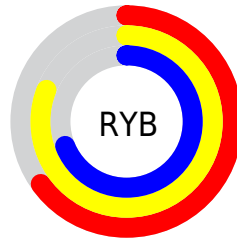
The RYB color **167, 206, 177** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **177, 167, 206**, and the grayscale version is **199, 199, 199**.

A 20% lighter version of the original color is **222, 255, 224**, and **115, 152, 125** is the 20% darker color. If you saturate the color by 10%, you get **146, 206, 161**, and if you desaturate by 10%, it is **188, 206, 193**.

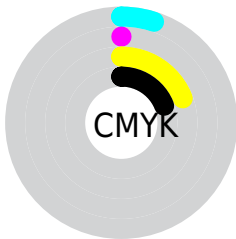
Distribution



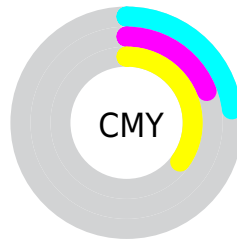
- Red (77%)
- Green (81%)
- Blue (65%)



- Red (65%)
- Yellow (81%)
- Blue (69%)



- Cyan (5%)
- Magenta (0%)
- Yellow (19%)
- Black (19%)



- Cyan (23%)
- Magenta (19%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the RYB color 167, 206, 177 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 167, 206, 177 by changing the saturation by 10% instead.


 167, 206, 177

255, 255, 255


 222, 255, 224


 251, 255, 251

 167, 206, 177

 141, 179, 151

 115, 152, 125

 90, 126, 100

 67, 101, 77

 44, 77, 53

 23, 54, 32

 0, 33, 7

 0, 8, 8

 0, 0, 0

 167, 206, 177

 167, 206, 177

 146, 206, 161

 188, 206, 193

 126, 206, 147

 207, 206, 208

 105, 206, 131

 212, 206, 229

 85, 206, 116

 217, 206, 249

 64, 206, 100

 222, 206, 255

 43, 206, 85

 228, 206, 255

 23, 206, 70

 233, 206, 255

 2, 206, 54

 238, 206, 255

 0, 206, 53

 244, 206, 255

Harmonies

Analogous

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



188, 217, 163



167, 206, 177



174, 205, 211

Triad

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



167, 206, 177



157, 188, 234



240, 188, 203

Complementary

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



167, 206, 177



177, 167, 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.



226, 191, 222



167, 206, 177



178, 196, 240

Square

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



167, 206, 177



149, 182, 220



204, 197, 236



242, 190, 183

Rectangle

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



167, 206, 177



161, 192, 212



204, 197, 236



236, 188, 209

Sweetspot

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



167, 206, 177



240, 255, 244



206, 180, 167



119, 128, 122



0, 0, 0



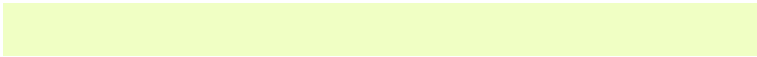
128, 128, 128

Same Dimension

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



167, 206, 177



196, 255, 211



167, 206, 196



92, 102, 95



0, 166, 43



0, 38, 10

Inverse Universe

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



177, 167, 206



211, 196, 255



196, 167, 206



94, 92, 102



42, 0, 166



10, 0, 38

Previews

White Background



This preview shows how the RYB color 167, 206, 177 looks on a white background.

Color Contrast Check

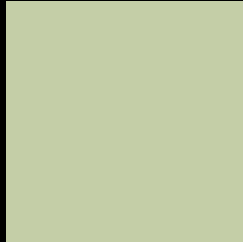
Large Text (above 18pt) WCAG AA × Fail

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 167, 206, 177 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

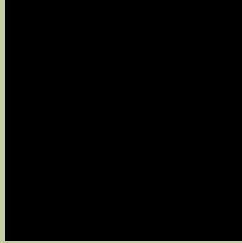
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

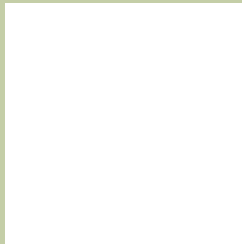
Any Text WCAG AAA ✓ Pass

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

RYB 167, 206, 177 Background



This preview shows how black text looks on a background with the RYB color 167, 206, 177.

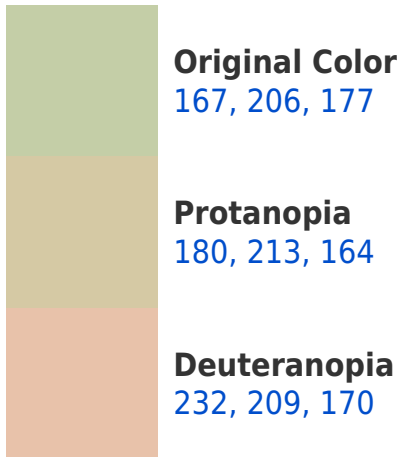



This preview shows how white text looks on a background with the RYB color 167, 206, 177.

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](#).

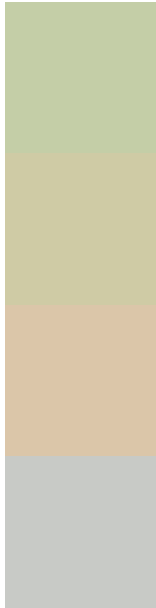
Dichromacy





Tritanopia
203, 199, 215

Trichromacy



Original Color
167, 206, 177

Protanomaly
169, 207, 165

Deuteranomaly
205, 219, 169

Tritanomaly
198, 202, 200

Monochromacy



Original Color
167, 206, 177

Achromatopsia
199, 199, 199

Achromatomaly
187, 202, 191

CSS Examples

Text

The CSS property to change the color of the text to RGB 167, 206, 177 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(196, 206, 167) looks like.

```
.text, #text, p{  
    color:rgb(196, 206, 167)  
}
```

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(196, 206, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 206, 167) }
```

Border

The CSS property to change the border of an element to RYB 167, 206, 177 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(196, 206, 167) }
```

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

```
.border{ border-color:rgb(196, 206, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 206, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 206, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 206, 167);  
box-shadow:4px 4px 4px 4px rgb(196, 206,  
167) }
```

Background

The CSS property to change the background color of an element to RYB 167, 206, 177 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 206, 167) }
```

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

```
.background{ background-color: rgb(196,  
206, 167) }
```

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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