

Converting Colors

`RYB(177, 205, 185)`

Have a look what the booklet for
RYB(177, 205, 185) contains.

RYB(177, 205, 185)	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(177, 205, 185)

Conversions

Conversions Part 1

Format	Color
Hex	C5CDB1
RGB	197, 205, 177
RGB Percent	77%, 80%, 69%
CMY	0.2275, 0.1961, 0.3059
CMYK	0.04, 0.00, 0.14, 0.20
HSL	77°, 22%, 75%
HSV	77°, 14%, 80%
XYZ	52.7931, 58.7073, 50.1441
YIQ	199.4160, 4.2200, -10.4040

Conversions

Conversions Part 2

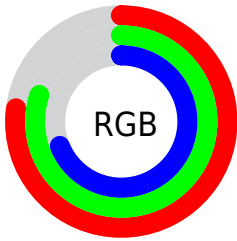
Format	Color
RYB	177, 205, 185
Decimal	12963249
CIELab	81.13, -7.66, 13.02
CIELCh	81, 15.104, 120.468
Yxy	58.7073, 0.3266, 0.3632
Android (android.graphics.Color)	4291153329 (0xFFC5CDB1)
YUV	199.4160, -11.0511, -2.1188
Hunter-Lab	76.6207, -11.0963, 14.8324

Details

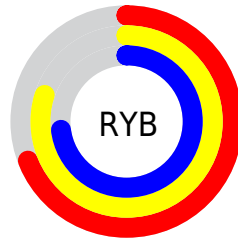
The RYB color **177, 205, 185** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **185, 177, 205**, and the grayscale version is **200, 200, 200**.

A 20% lighter version of the original color is **233, 255, 234**, and **124, 151, 132** is the 20% darker color. If you saturate the color by 10%, you get **157, 205, 171**, and if you desaturate by 10%, it is **198, 205, 200**.

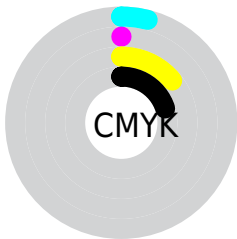
Distribution



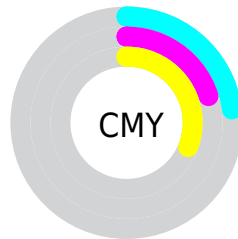
- Red (77%)
- Green (80%)
- Blue (69%)



- Red (69%)
- Yellow (80%)
- Blue (73%)



- Cyan (4%)
- Magenta (0%)
- Yellow (14%)
- Black (20%)



- Cyan (23%)
- Magenta (20%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the RYB color 177, 205, 185 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, 205, 185 by changing the saturation by 10% instead.

 177, 205, 185


255, 255, 255

 233, 255, 234


 177, 205, 185


 150, 178, 158

 124, 151, 132

 99, 125, 107

 75, 100, 82

 53, 76, 60

 31, 53, 38

 8, 32, 14

 0, 8, 8

 0, 0, 0

 177, 205, 185

 177, 205, 185

 157, 205, 171

 198, 205, 200

 136, 205, 156

 209, 205, 218

 116, 205, 142

 215, 205, 239

 95, 205, 126

 220, 205, 255

 75, 205, 112

 226, 205, 255

 54, 205, 97

 232, 205, 255

 33, 205, 82

 238, 205, 255

 13, 205, 68

 244, 205, 255

 0, 205, 59

 250, 205, 255

Harmonies

Analogous

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



190, 213, 173



177, 205, 185



181, 203, 208

Triad

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



177, 205, 185



172, 193, 226



230, 192, 202

Complementary

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



177, 205, 185



185, 177, 205

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.



220, 194, 216



177, 205, 185



187, 199, 229

Square

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



177, 205, 185



165, 188, 215



205, 198, 226



231, 194, 188

Rectangle

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



177, 205, 185



172, 195, 210



205, 198, 226



228, 192, 207

Sweetspot

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



177, 205, 185



245, 255, 248



205, 188, 177



121, 128, 123



0, 0, 0



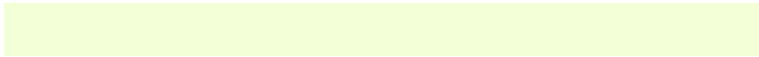
128, 128, 128

Same Dimension

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



177, 205, 185



214, 255, 226



177, 205, 199



92, 102, 95



0, 166, 48



0, 38, 11

Inverse Universe

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



185, 177, 205



226, 214, 255



199, 177, 205



95, 92, 102



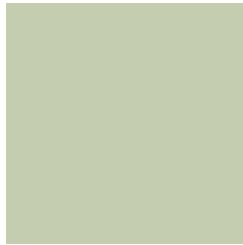
47, 0, 166



11, 0, 38

Previews

White Background



This preview shows how the RYB color 177, 205, 185 looks on a white background.

Color Contrast Check

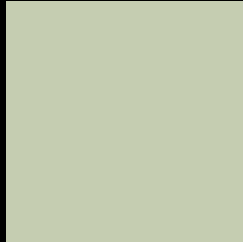
Large Text (above 18pt) WCAG AA × Fail

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, 205, 185 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

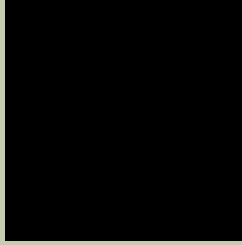
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

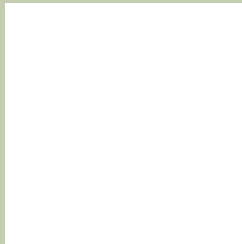
Any Text WCAG AAA ✓ Pass

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

RYB 177, 205, 185 Background



This preview shows how black text looks on a background with the RYB color 177, 205, 185.



This preview shows how white text looks on a background with the RYB color 177, 205, 185.

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, 205, 185

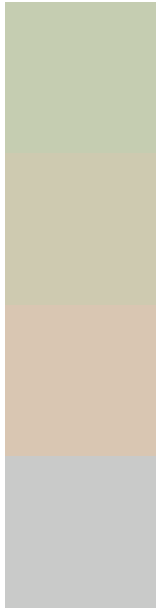
Protanopia
189, 211, 175

Deuteranopia
229, 200, 179



Tritanopia
203, 200, 215

Trichromacy



Original Color
177, 205, 185

Protanomaly
181, 206, 176

Deuteranomaly
215, 217, 178

Tritanomaly
201, 202, 202

Monochromacy



Original Color
177, 205, 185

Achromatopsia
199, 199, 199

Achromatomaly
191, 201, 194

CSS Examples

Text

The CSS property to change the color of the text to RYB 177, 205, 185 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(197, 205, 177)` looks like.

```
.text, #text, p{  
    color:rgb(197, 205, 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(197, 205, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 205, 177) }
```

Border

The CSS property to change the border of an element to RYB 177, 205, 185 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(197, 205, 177) }
```

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

```
.border{ border-color:rgb(197, 205, 177) }
```

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

Here you see how a box with a 4 pixel rgb(197, 205, 177) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 205, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 205, 177);  
box-shadow:4px 4px 4px 4px rgb(197, 205,  
177) }
```

Background

The CSS property to change the background color of an element to RYB 177, 205, 185 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 205, 177) }
```

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

```
.background{ background-color: rgb(197,  
205, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor