

Converting Colors

`RYB(179, 210, 195)`

Have a look what the booklet for
RYB(179, 210, 195) contains.

RYB(179, 210, 195)	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(179, 210, 195)

Conversions

Conversions Part 1

Format	Color
Hex	C2D2B3
RGB	194, 210, 179
RGB Percent	76%, 82%, 70%
CMY	0.2392, 0.1765, 0.2980
CMYK	0.08, 0.00, 0.15, 0.18
HSL	91°, 26%, 76%
HSV	91°, 15%, 82%
XYZ	53.4314, 60.8172, 51.5706
YIQ	201.6820, 0.4150, -13.0330

Conversions

Conversions Part 2

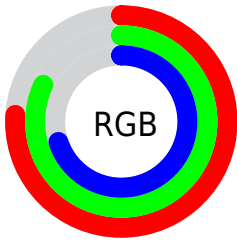
Format	Color
RYB	179, 210, 195
Decimal	12767923
CIELab	82.28, -10.97, 13.55
CIElCh	82, 17.431, 128.982
Yxy	60.8172, 0.3222, 0.3668
Android (android.graphics.Color)	4290958003 (0xFFC2D2B3)
YUV	201.6820, -11.1822, -6.7371
Hunter-Lab	77.9854, -14.1758, 15.3822

Details

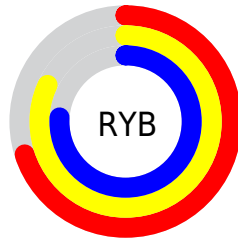
The RYB color **179, 210, 195** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **195, 179, 210**, and the grayscale version is **202, 202, 202**.

A 20% lighter version of the original color is **235, 255, 239**, and **126, 156, 142** is the 20% darker color. If you saturate the color by 10%, you get **158, 210, 185**, and if you desaturate by 10%, it is **200, 210, 205**.

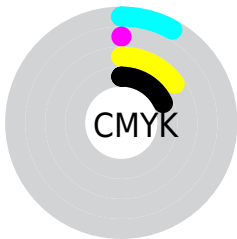
Distribution



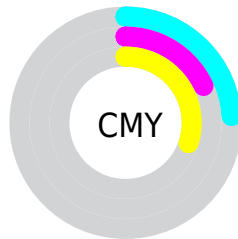
- Red (76%)
- Green (82%)
- Blue (70%)



- Red (70%)
- Yellow (82%)
- Blue (76%)



- Cyan (8%)
- Magenta (0%)
- Yellow (15%)
- Black (18%)



- Cyan (24%)
- Magenta (18%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the RYB color 179, 210, 195 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 179, 210, 195 by changing the saturation by 10% instead.

 179, 210, 195

255, 255, 255

 235, 255, 239

 179, 210, 195

 152, 182, 167


 126, 156, 142

 101, 129, 115

 77, 104, 91

 54, 80, 68

 33, 57, 46

 11, 36, 24

 0, 15, 15

 0, 0, 0

 179, 210, 195

 179, 210, 195

 158, 210, 185

 200, 210, 205

 137, 210, 175

 216, 210, 221

 116, 210, 165

 227, 210, 242

 95, 210, 154

 237, 210, 255

 74, 210, 144

 248, 210, 255

 53, 210, 134

 255, 210, 255

 32, 210, 124

 11, 210, 114

 0, 210, 108

Harmonies

Analogous

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



182, 213, 172



179, 210, 195



176, 202, 213

Triad

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



179, 210, 195



174, 197, 235



239, 193, 200

Complementary

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



179, 210, 195



195, 179, 210

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.



230, 195, 217



179, 210, 195



193, 202, 237

Square

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



179, 210, 195



163, 191, 225



214, 199, 230



238, 197, 185

Rectangle

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



179, 210, 195



167, 194, 214



214, 199, 230



237, 193, 206

Sweetspot

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



179, 210, 195



245, 255, 250



208, 210, 179



121, 128, 125



0, 0, 0



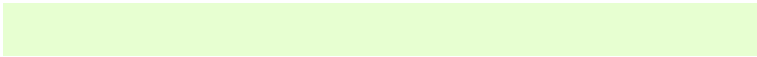
128, 128, 128

Same Dimension

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



179, 210, 195



209, 255, 233



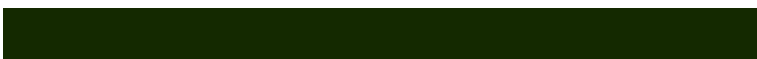
179, 210, 210



94, 105, 100



0, 168, 87



0, 41, 21

Inverse Universe

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



195, 179, 210



233, 209, 255



210, 179, 210



99, 94, 105



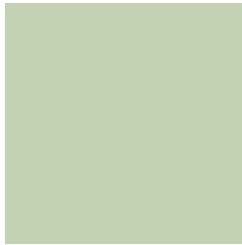
87, 0, 168



21, 0, 41

Previews

White Background



This preview shows how the RYB color 179, 210, 195 looks on a white background.

Color Contrast Check

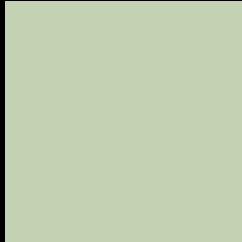
Large Text (above 18pt) WCAG AA × Fail

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 179, 210, 195 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

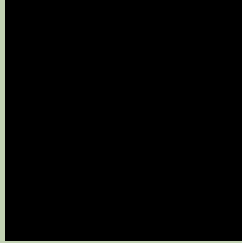
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

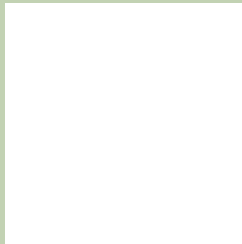
Any Text WCAG AAA ✓ Pass

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

RYB 179, 210, 195 Background



This preview shows how black text looks on a background with the RYB color 179, 210, 195.

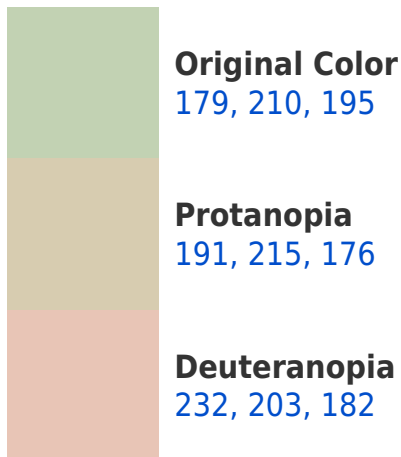


This preview shows how white text looks on a background with the RYB color 179, 210, 195.

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](#).

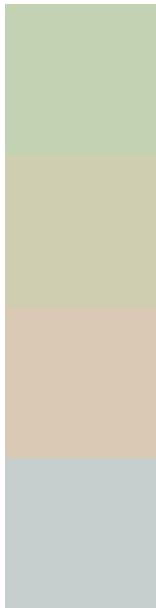
Dichromacy





Tritanopia
200, 203, 220

Trichromacy



Original Color

179, 210, 195

Protanomaly

178, 207, 177

Deuteranomaly

209, 218, 181

Tritanomaly

198, 202, 206

Monochromacy



Original Color

179, 210, 195

Achromatopsia

202, 202, 202

Achromatomaly

194, 205, 200

CSS Examples

Text

The CSS property to change the color of the text to RGB 179, 210, 195 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(194, 210, 179) looks like.

```
.text, #text, p{  
    color:rgb(194, 210, 179)  
}
```

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(194, 210, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 210, 179) }
```

Border

The CSS property to change the border of an element to RYB 179, 210, 195 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(194, 210, 179) }
```

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

```
.border{ border-color:rgb(194, 210, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 210, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 210, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 210, 179);  
box-shadow:4px 4px 4px 4px rgb(194, 210,  
179) }
```

Background

The CSS property to change the background color of an element to RYB 179, 210, 195 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 210, 179) }
```

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

```
.background{ background-color: rgb(194,  
210, 179) }
```

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