

Converting Colors

`RYB(173, 206, 179)`

Have a look what the booklet for
RYB(173, 206, 179) contains.

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Color

R_YB(173, 206, 179)

Conversions

Conversions Part 1

Format	Color
Hex	C8CEAD
RGB	200, 206, 173
RGB Percent	78%, 81%, 68%
CMY	0.2157, 0.1922, 0.3216
CMYK	0.03, 0.00, 0.16, 0.19
HSL	71°, 25%, 74%
HSV	71°, 16%, 81%
XYZ	53.4335, 59.4391, 48.1918
YIQ	200.4440, 7.0170, -11.5350

Conversions

Conversions Part 2

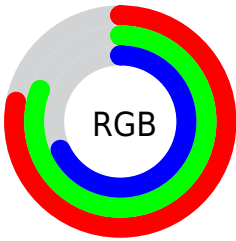
Format	Color
RYB	173, 206, 179
Decimal	13160109
CIELab	81.53, -7.74, 15.74
CIELCh	82, 17.540, 116.169
Yxy	59.4391, 0.3318, 0.3690
Android (android.graphics.Color)	4291350189 (0xFFC8CEAD)
YUV	200.4440, -13.5299, -0.3894
Hunter-Lab	77.0968, -11.2061, 16.9066

Details

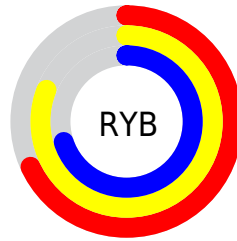
The RYB color **173, 206, 179** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **179, 173, 206**, and the grayscale version is **201, 201, 201**.

A 20% lighter version of the original color is **228, 255, 228**, and **121, 152, 127** is the 20% darker color. If you saturate the color by 10%, you get **152, 206, 162**, and if you desaturate by 10%, it is **194, 206, 196**.

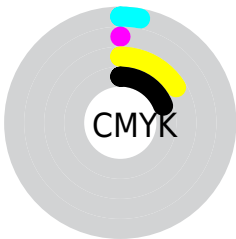
Distribution



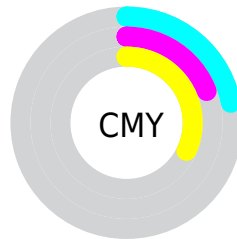
- Red (78%)
- Green (81%)
- Blue (68%)



- Red (68%)
- Yellow (81%)
- Blue (70%)



- Cyan (3%)
- Magenta (0%)
- Yellow (16%)
- Black (19%)



- Cyan (22%)
- Magenta (19%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the RYB color 173, 206, 179 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 173, 206, 179 by changing the saturation by 10% instead.


 173, 206, 179


255, 255, 255

 228, 255, 228

 173, 206, 179


 146, 179, 152


 121, 152, 127


 96, 126, 102

 72, 101, 78

 49, 77, 55

 28, 54, 34

 3, 33, 8

 0, 10, 10

 0, 0, 0

 173, 206, 179

 173, 206, 179

 152, 206, 162

 194, 206, 196

 132, 206, 145

 207, 206, 214

 111, 206, 128

 211, 206, 235

 91, 206, 112

 215, 206, 255

 70, 206, 95

 219, 206, 255

 49, 206, 77

 222, 206, 255

 29, 206, 61

 226, 206, 255

 8, 206, 44

 230, 206, 255

 0, 206, 37

 234, 206, 255

Harmonies

Analogous

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



196, 218, 170



173, 206, 179



181, 207, 210

Triad

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



173, 206, 179



165, 191, 229



234, 191, 205

Complementary

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



173, 206, 179



179, 173, 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.



222, 194, 221



173, 206, 179



182, 198, 235

Square

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



173, 206, 179



160, 187, 216



203, 199, 232



237, 192, 189

Rectangle

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



173, 206, 179



170, 197, 212



203, 199, 232



231, 192, 211

Sweetspot

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



173, 206, 179



242, 255, 244



206, 180, 173



120, 128, 122



0, 0, 0



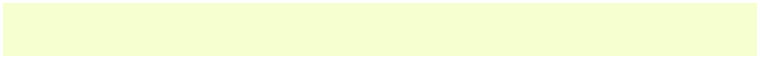
128, 128, 128

Same Dimension

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



173, 206, 179



207, 255, 216



173, 206, 195



92, 102, 94



0, 166, 30



0, 38, 7

Inverse Universe

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



179, 173, 206



215, 207, 255



195, 173, 206



94, 92, 102



30, 0, 166



7, 0, 38

Previews

White Background



This preview shows how the RYB color 173, 206, 179 looks on a white background.

Color Contrast Check

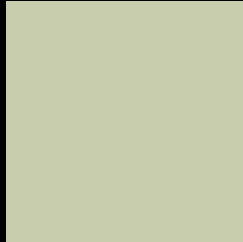
Large Text (above 18pt) WCAG AA × Fail

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 173, 206, 179 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

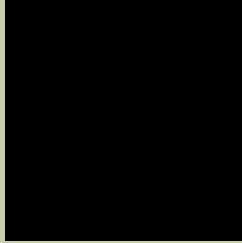
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

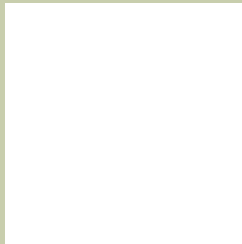
Any Text WCAG AAA ✓ Pass

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

RYB 173, 206, 179 Background



This preview shows how black text looks on a background with the RYB color 173, 206, 179.

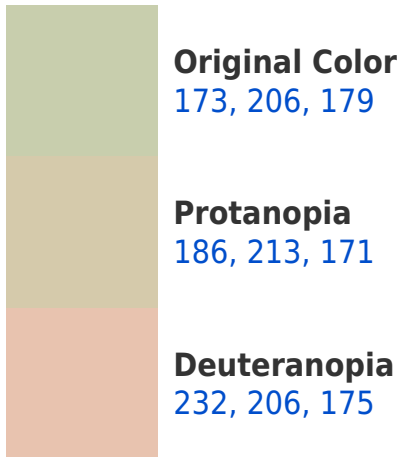


This preview shows how white text looks on a background with the RYB color 173, 206, 179.

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](#).

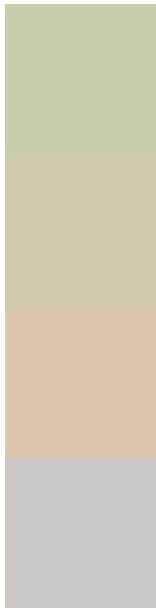
Dichromacy





Tritanopia
206, 200, 216

Trichromacy



Original Color
173, 206, 179

Protanomaly
178, 208, 172

Deuteranomaly
213, 220, 174

Tritanomaly
204, 204, 200

Monochromacy



Original Color
173, 206, 179

Achromatopsia
200, 200, 200

Achromatomaly
190, 202, 192

CSS Examples

Text

The CSS property to change the color of the text to RYB 173, 206, 179 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(200, 206, 173) looks like.

```
.text, #text, p{  
    color:rgb(200, 206, 173)  
}
```

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(200, 206, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 206, 173) }
```

Border

The CSS property to change the border of an element to RYB 173, 206, 179 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(200, 206, 173) }
```

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

```
.border{ border-color:rgb(200, 206, 173) }
```

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

Here you see how a box with a 4 pixel rgb(200, 206, 173) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 206, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 206, 173);  
box-shadow:4px 4px 4px 4px rgb(200, 206,  
173) }
```

Background

The CSS property to change the background color of an element to RYB 173, 206, 179 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 206, 173) }
```

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

```
.background{ background-color: rgb(200,  
206, 173) }
```

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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