

Converting Colors

`RYB(171, 217, 185)`

Have a look what the booklet for
RYB(171, 217, 185) contains.

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Color

RYB(171, 217, 185)

Conversions

Conversions Part 1

Format	Color
Hex	CBD9AB
RGB	203, 217, 171
RGB Percent	80%, 85%, 67%
CMY	0.2039, 0.1490, 0.3294
CMYK	0.06, 0.00, 0.21, 0.15
HSL	78°, 38%, 76%
HSV	78°, 21%, 85%
XYZ	56.7921, 65.2625, 48.1317
YIQ	207.5700, 6.4220, -17.2740

Conversions

Conversions Part 2

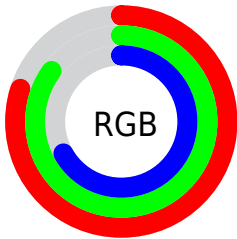
Format	Color
RYB	171, 217, 185
Decimal	13359531
CIELab	84.62, -12.57, 21.13
CIELCh	85, 24.582, 120.748
Yxy	65.2625, 0.3337, 0.3835
Android (android.graphics.Color)	4291549611 (0xFFCBD9AB)
YUV	207.5700, -18.0290, -4.0079
Hunter-Lab	80.7852, -15.8883, 21.2247

Details

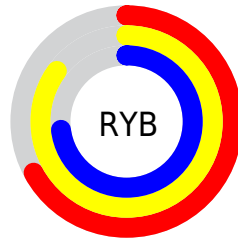
The RYB color **171, 217, 185** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **185, 171, 217**, and the grayscale version is **208, 208, 208**.

A 20% lighter version of the original color is **226, 255, 226**, and **119, 162, 132** is the 20% darker color. If you saturate the color by 10%, you get **149, 217, 170**, and if you desaturate by 10%, it is **193, 217, 200**.

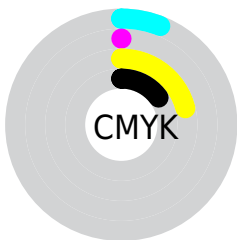
Distribution



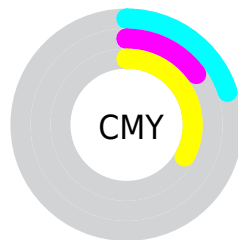
- Red (80%)
- Green (85%)
- Blue (67%)



- Red (67%)
- Yellow (85%)
- Blue (73%)



- Cyan (6%)
- Magenta (0%)
- Yellow (21%)
- Black (15%)




- Cyan (20%)
- Magenta (15%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the RYB color 171, 217, 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 171, 217, 185 by changing the saturation by 10% instead.

 171, 217, 185


255, 255, 255

 226, 255, 226

 171, 217, 185

 144, 189, 158

 119, 162, 132

 94, 136, 107

 70, 111, 84

 47, 86, 60

 25, 63, 38

 0, 41, 12

 0, 22, 22

 0, 0, 0

 171, 217, 185

 171, 217, 185

 149, 217, 170

 193, 217, 200

 128, 217, 155

 214, 217, 215

 106, 217, 140

 223, 217, 236

 84, 217, 124

 229, 217, 255

 63, 217, 110

 236, 217, 255

 41, 217, 95

 243, 217, 255

 19, 217, 79

 249, 217, 255

 0, 217, 66

 255, 217, 255

Harmonies

Analogous

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



190, 228, 165



171, 217, 185



177, 213, 222

Triad

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



171, 217, 185



158, 195, 251



255, 195, 211

Complementary

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



171, 217, 185



185, 171, 217

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.



242, 198, 234



171, 217, 185



185, 205, 255

Square

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



171, 217, 185



147, 188, 234



216, 205, 251



255, 197, 189

Rectangle

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



171, 217, 185



161, 199, 224



216, 205, 251



253, 195, 219

Sweetspot

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



171, 217, 185



240, 255, 245



217, 191, 171



119, 128, 122



0, 0, 0



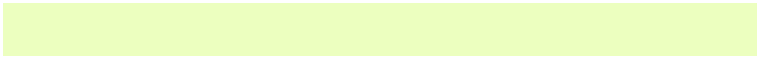
128, 128, 128

Same Dimension

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



171, 217, 185



191, 255, 210



171, 217, 208



99, 110, 103



0, 173, 52



0, 46, 14

Inverse Universe

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



185, 171, 217



211, 191, 255



208, 171, 217



102, 99, 110



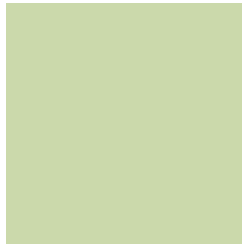
53, 0, 173



14, 0, 46

Previews

White Background



This preview shows how the RYB color 171, 217, 185 looks on a white background.

Color Contrast Check

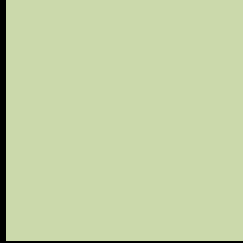
Large Text (above 18pt) WCAG AA × Fail

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 171, 217, 185 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

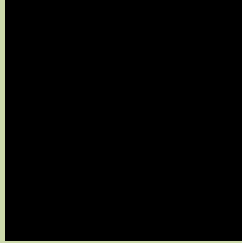
Any Text WCAG AA ✓ Pass

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 171, 217, 185 Background



This preview shows how black text looks on a background with the RYB color 171, 217, 185.

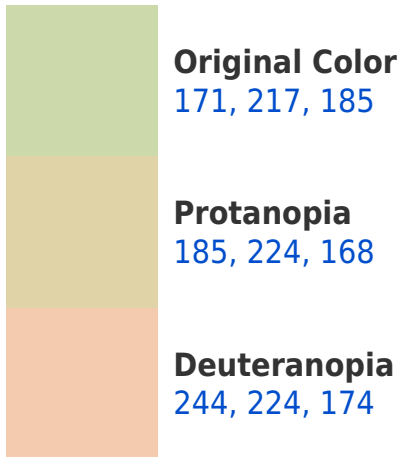


This preview shows how white text looks on a background with the RYB color 171, 217, 185.

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](#).

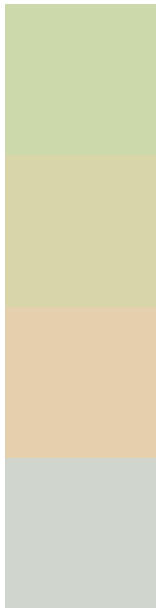
Dichromacy





Tritanopia
211, 210, 226

Trichromacy



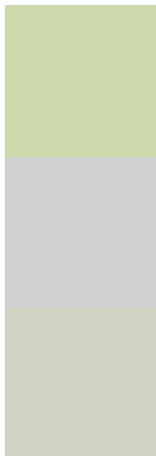
Original Color
171, 217, 185

Protanomaly
172, 216, 169

Deuteranomaly
207, 229, 173

Tritanomaly
206, 213, 211

Monochromacy



Original Color
171, 217, 185

Achromatopsia
208, 208, 208

Achromatomaly
195, 211, 200

CSS Examples

Text

The CSS property to change the color of the text to RGB 171, 217, 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(203, 217, 171) looks like.

```
.text, #text, p{  
    color:rgb(203, 217, 171)  
}
```

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(203, 217, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 217, 171) }
```

Border

The CSS property to change the border of an element to RYB 171, 217, 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(203, 217, 171) }
```

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

```
.border{ border-color:rgb(203, 217, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 217, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 217, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 217, 171);  
box-shadow:4px 4px 4px 4px rgb(203, 217,  
171) }
```

Background

The CSS property to change the background color of an element to RYB 171, 217, 185 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 217, 171) }
```

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

```
.background{ background-color: rgb(203,  
217, 171) }
```

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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