

Converting Colors

`RYB(171, 212, 177)`

Have a look what the booklet for
RYB(171, 212, 177) contains.

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Color

R_YB(171, 212, 177)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | CED4AB |
| RGB | 206, 212, 171 |
| RGB Percent | 81%, 83%, 67% |
| CMY | 0.1922, 0.1686, 0.3294 |
| CMYK | 0.03, 0.00, 0.19, 0.17 |
| HSL | 69°, 32%, 75% |
| HSV | 69°, 19%, 83% |
| XYZ | 56.3478, 63.1491, 47.7472 |
| YIQ | 205.5320, 9.5850, -14.0230 |

Conversions

Conversions Part 2

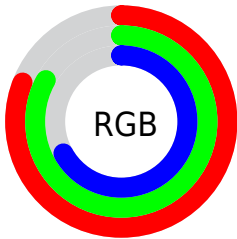
| Format | Color |
|-------------------------------------|--|
| RYB | 171, 212, 177 |
| Decimal | 13554859 |
| CIELab | 83.52, -8.94, 19.64 |
| CIELCh | 84, 21.578, 114.466 |
| Yxy | 63.1491, 0.3369, 0.3776 |
| Android (android.graphics.Color) | 4291744939 (0xFFCED4AB) |
| YUV | 205.5320, -17.0243, 0.4104 |
| Hunter-Lab | 79.4664, -12.4959, 20.0022 |

Details

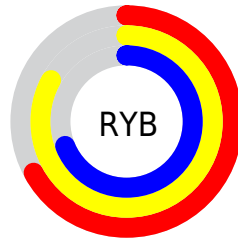
The RYB color **171, 212, 177** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **177, 171, 212**, and the grayscale version is **206, 206, 206**.

A 20% lighter version of the original color is **226, 255, 226**, and **119, 157, 125** is the 20% darker color. If you saturate the color by 10%, you get **150, 212, 159**, and if you desaturate by 10%, it is **192, 212, 195**.

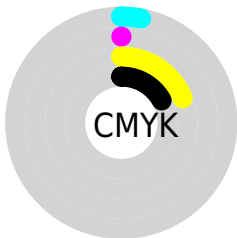
Distribution



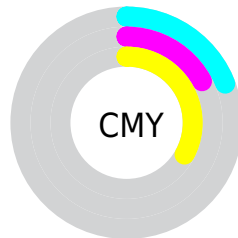
- Red (81%)
- Green (83%)
- Blue (67%)



- Red (67%)
- Yellow (83%)
- Blue (69%)



- Cyan (3%)
- Magenta (0%)
- Yellow (19%)
- Black (17%)




- Cyan (19%)
- Magenta (17%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the RYB color 171, 212, 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 171, 212, 177 by changing the saturation by 10% instead.

 171, 212, 177


255, 255, 255

 226, 255, 226

 171, 212, 177


 144, 184, 150

 119, 157, 125


 94, 131, 100

 70, 106, 76

 47, 82, 53


 26, 59, 32

 0, 37, 5

 0, 18, 18

 0, 0, 0

 171, 212, 177

 171, 212, 177

 150, 212, 159

 192, 212, 195

 129, 212, 141

 212, 212, 213

 107, 212, 122

 215, 212, 235

 86, 212, 104

 218, 212, 255

 65, 212, 87

 222, 212, 255


 44, 212, 69

 225, 212, 255

 23, 212, 51

 228, 212, 255

 1, 212, 32

 231, 212, 255

 0, 212, 31

 234, 212, 255

Harmonies

Analogous

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



205, 228, 168



171, 212, 177



183, 216, 217

Triad

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



171, 212, 177



160, 193, 240



247, 194, 213

Complementary

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



171, 212, 177



177, 171, 212

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.



231, 198, 232



171, 212, 177



180, 201, 248

Square

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



171, 212, 177



153, 187, 224



207, 204, 245



251, 195, 192

Rectangle

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



171, 212, 177



169, 201, 219



207, 204, 245



243, 195, 220

Sweetspot

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



171, 212, 177



240, 255, 242



212, 177, 171



119, 128, 121



0, 0, 0



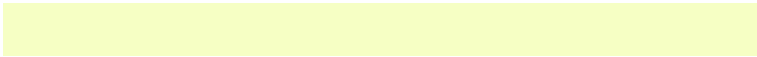
128, 128, 128

Same Dimension

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



171, 212, 177



196, 255, 205



171, 212, 197



96, 107, 97



0, 171, 25



0, 43, 6

Inverse Universe

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



177, 171, 212



205, 196, 255



197, 171, 212



98, 96, 107



25, 0, 171



6, 0, 43

Previews

White Background



This preview shows how the RYB color 171, 212, 177 looks on a white background.

Color Contrast Check

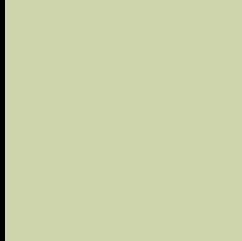
Large Text (above 18pt) WCAG AA × Fail

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 171, 212, 177 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

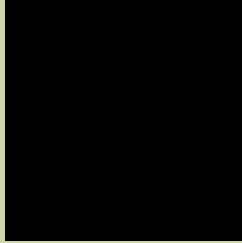
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

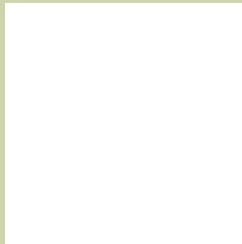
Any Text WCAG AAA ✓ Pass

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

RYB 171, 212, 177 Background



This preview shows how black text looks on a background with the RYB color 171, 212, 177.



This preview shows how white text looks on a background with the RYB color 171, 212, 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



Original Color
171, 212, 177

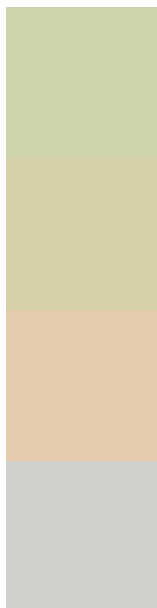
Protanopia
185, 220, 169

Deuteranopia
240, 218, 173



Tritanopia
213, 205, 221

Trichromacy



Original Color

171, 212, 177

Protanomaly

177, 215, 170

Deuteranomaly

214, 228, 172

Tritanomaly

206, 210, 203

Monochromacy



Original Color

171, 212, 177

Achromatopsia

206, 206, 206

Achromatomaly

193, 208, 195

CSS Examples

Text

The CSS property to change the color of the text to RYB 171, 212, 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(206, 212, 171)` looks like.

```
.text, #text, p{  
    color:rgb(206, 212, 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(206, 212, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 212, 171) }
```

Border

The CSS property to change the border of an element to RYB 171, 212, 177 is called "border". The border property can be set on classes, ids or directly on the HTML element.

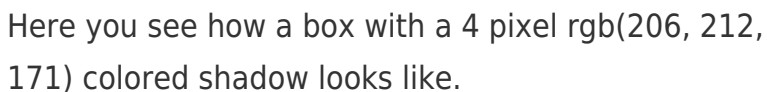
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(206, 212, 171) }
```

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

```
.border{ border-color:rgb(206, 212, 171) }
```

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



Here you see how a box with a 4 pixel `rgb(206, 212, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(206, 212, 171); -webkit-box-shadow:4px 4px 4px 4px rgb(206, 212, 171); box-shadow:4px 4px 4px 4px rgb(206, 212, 171) }
```

Background

The CSS property to change the background color of an element to RYB 171, 212, 177 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 212, 171) }
```

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

```
.background{ background-color: rgb(206,  
212, 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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