

Converting Colors

`RYB(173, 214, 197)`

Have a look what the booklet for
RYB(173, 214, 197) contains.

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Color

R_YB(173, 214, 197)

Conversions

Conversions Part 1

Format	Color
Hex	BED6AD
RGB	190, 214, 173
RGB Percent	75%, 84%, 68%
CMY	0.2549, 0.1608, 0.3216
CMYK	0.11, 0.00, 0.19, 0.16
HSL	95°, 33%, 76%
HSV	95°, 19%, 84%
XYZ	52.8246, 62.0574, 48.7293
YIQ	202.1500, -1.1430, -17.8390

Conversions

Conversions Part 2

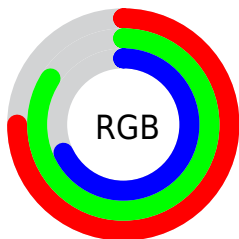
Format	Color
R _{YB}	173, 214, 197
Decimal	12506797
CIE Lab	82.94, -15.39, 17.61
CIE LCh	83, 23.390, 131.156
Yxy	62.0574, 0.3229, 0.3793
Android (android.graphics.Color)	4290696877 (0xFFBED6AD)
YUV	202.1500, -14.3710, -10.6556
Hunter-Lab	78.7765, -18.1635, 18.4682

Details

The RYB color **173, 214, 197** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **197, 173, 214**, and the grayscale version is **202, 202, 202**.

A 20% lighter version of the original color is **229, 255, 237**, and **121, 159, 144** is the 20% darker color. If you saturate the color by 10%, you get **152, 214, 189**, and if you desaturate by 10%, it is **194, 214, 205**.

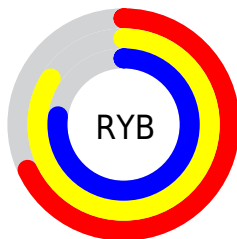
Distribution



Red (75%)

Green (84%)

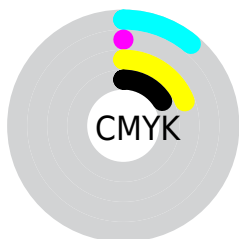
Blue (68%)



Red (68%)

Yellow (84%)

Blue (77%)

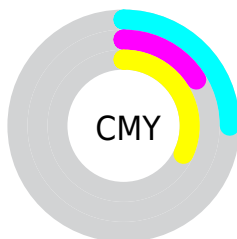


Cyan (11%)

Magenta (0%)

Yellow (19%)

Black (16%)



Cyan (25%)

Magenta (16%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the RYB color 173, 214, 197 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, 214, 197 by changing the saturation by 10% instead.


 173, 214, 197


255, 255, 255

 229, 255, 237

 173, 214, 197

 146, 186, 169


 121, 159, 144


 96, 133, 118

 72, 108, 94

 49, 83, 70

 27, 60, 47

 3, 38, 22

 0, 18, 18

 0, 0, 0

 173, 214, 197

 173, 214, 197

 152, 214, 189


 194, 214, 205

 130, 214, 179

 215, 214, 216

 109, 214, 171

 228, 214, 237

 87, 214, 161

 240, 214, 255

 66, 214, 153

 253, 214, 255

 45, 214, 144

 255, 214, 255

 23, 214, 135

 2, 214, 126

 0, 214, 125

Harmonies

Analogous

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



171, 215, 163



173, 214, 197



166, 201, 218

Triad

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



173, 214, 197



164, 195, 248



252, 191, 199

Complementary

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



173, 214, 197



197, 173, 214

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, 193, 221



173, 214, 197



192, 203, 249

Square

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



173, 214, 197



147, 186, 235



221, 198, 240



249, 198, 179

Rectangle

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



173, 214, 197



153, 189, 219



221, 198, 240



250, 191, 206

Sweetspot

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



173, 214, 197



240, 255, 249



202, 214, 173



119, 128, 125



0, 0, 0



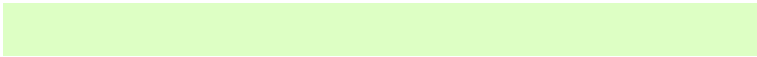
128, 128, 128

Same Dimension

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



173, 214, 197



196, 255, 230



173, 211, 214



96, 107, 102



0, 171, 100



0, 43, 25

Inverse Universe

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



197, 173, 214



231, 196, 255



214, 173, 211



103, 96, 107



100, 0, 171



25, 0, 43

Previews

White Background



This preview shows how the RYB color 173, 214, 197 looks on a white background.

Color Contrast Check

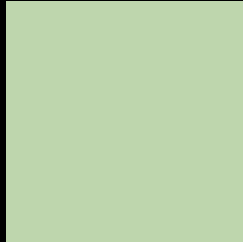
Large Text (above 18pt) WCAG AA × Fail

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, 214, 197 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

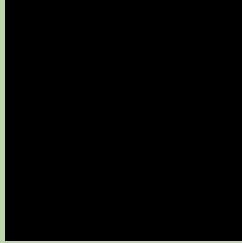
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

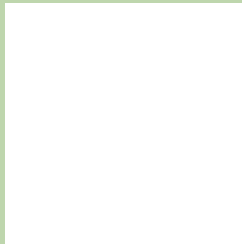
Any Text WCAG AAA ✓ Pass

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

RYB 173, 214, 197 Background



This preview shows how black text looks on a background with the RYB color 173, 214, 197.

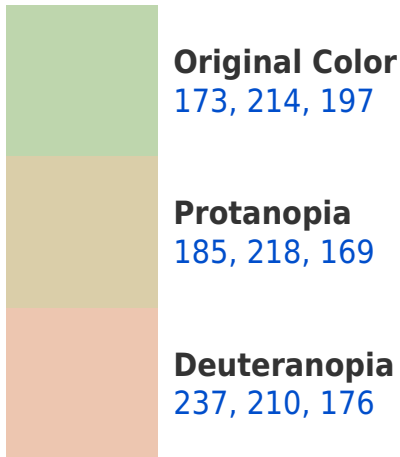


This preview shows how white text looks on a background with the RYB color 173, 214, 197.

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](#).

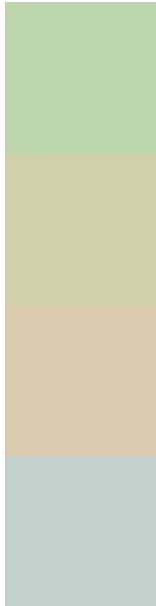
Dichromacy





Tritanopia
198, 205, 223

Trichromacy



Original Color
173, 214, 197

Protanomaly
170, 209, 171

Deuteranomaly
200, 220, 175

Tritanomaly
195, 204, 210

Monochromacy



Original Color
173, 214, 197

Achromatopsia
202, 202, 202

Achromatomaly
191, 206, 199

CSS Examples

Text

The CSS property to change the color of the text to RYB 173, 214, 197 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(190, 214, 173)` looks like.

```
.text, #text, p{  
    color:rgb(190, 214, 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(190, 214, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 214, 173) }
```

Border

The CSS property to change the border of an element to RYB 173, 214, 197 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(190, 214, 173) }
```

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

```
.border{ border-color:rgb(190, 214, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 214, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 214, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 214, 173);  
box-shadow:4px 4px 4px 4px rgb(190, 214,  
173) }
```

Background

The CSS property to change the background color of an element to RYB 173, 214, 197 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 214, 173) }
```

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

```
.background{ background-color: rgb(190,  
214, 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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