

Converting Colors

`RYB(174, 207, 200)`

Have a look what the booklet for
RYB(174, 207, 200) contains.

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Color

R_YB(174, 207, 200)

Conversions

Conversions Part 1

Format	Color
Hex	B5CFAE
RGB	181, 207, 174
RGB Percent	71%, 81%, 68%
CMY	0.2902, 0.1882, 0.3176
CMYK	0.13, 0.00, 0.16, 0.19
HSL	107°, 26%, 75%
HSV	107°, 16%, 81%
XYZ	49.0089, 57.5054, 48.5610
YIQ	195.4640, -4.9030, -15.7750

Conversions

Conversions Part 2

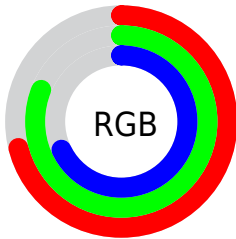
Format	Color
RYB	174, 207, 200
Decimal	11915182
CIELab	80.46, -14.85, 13.51
CIELCh	80, 20.073, 137.698
Yxy	57.5054, 0.3160, 0.3708
Android (android.graphics.Color)	4290105262 (0xFFB5CFAE)
YUV	195.4640, -10.5818, -12.6849
Hunter-Lab	75.8323, -17.3457, 15.1149

Details

The RYB color **174, 207, 200** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **200, 174, 207**, and the grayscale version is **196, 196, 196**.

A 20% lighter version of the original color is **230, 255, 248**, and **122, 153, 147** is the 20% darker color. If you saturate the color by 10%, you get **153, 207, 195**, and if you desaturate by 10%, it is **195, 207, 205**.

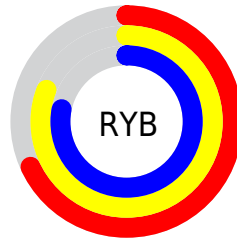
Distribution



Red (71%)

Green (81%)

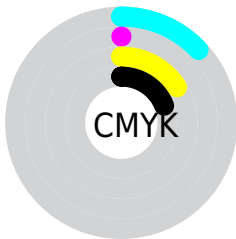
Blue (68%)



Red (68%)

Yellow (81%)

Blue (78%)

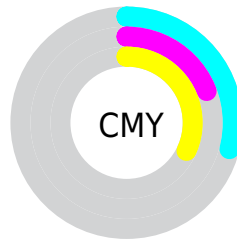


Cyan (13%)

Magenta (0%)

Yellow (16%)

Black (19%)



Cyan (29%)

Magenta (19%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the RYB color 174, 207, 200 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 174, 207, 200 by changing the saturation by 10% instead.


 174, 207, 200


 174, 207, 200


255, 255, 255


 147, 179, 172

 230, 255, 248

 122, 153, 147

 97, 127, 121

 73, 102, 97

 50, 78, 73

 29, 55, 51

 4, 33, 24

 0, 3, 3

 0, 0, 0

 174, 207, 200

 174, 207, 200

 153, 207, 195

 195, 207, 205

 133, 207, 192

 214, 207, 215

 112, 207, 187

 230, 207, 236

 91, 207, 182

 246, 207, 255

 70, 207, 178

 255, 207, 255

 50, 207, 174

 29, 207, 169

 8, 207, 164

 0, 207, 163

Harmonies

Analogous

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



165, 203, 164



174, 207, 200



162, 192, 210

Triad

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



174, 207, 200



169, 192, 236



239, 187, 189

Complementary

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



174, 207, 200



200, 174, 207

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.



233, 187, 208



174, 207, 200



193, 197, 235

Square

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



174, 207, 200



153, 185, 227



216, 191, 225



235, 196, 173

Rectangle

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



174, 207, 200



153, 184, 211



216, 191, 225



238, 187, 195

Sweetspot

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



174, 207, 200



242, 255, 252



183, 207, 174



120, 128, 127



0, 0, 0



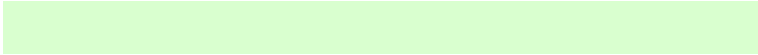
128, 128, 128

Same Dimension

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



174, 207, 200



207, 255, 245



174, 200, 207



94, 105, 103



0, 168, 132



0, 41, 32

Inverse Universe

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



200, 174, 207



245, 207, 255



207, 174, 198



102, 94, 105



133, 0, 168



32, 0, 41

Previews

White Background



This preview shows how the RYB color 174, 207, 200 looks on a white background.

Color Contrast Check

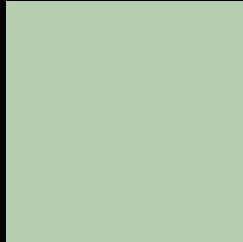
Large Text (above 18pt) WCAG AA × Fail

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 174, 207, 200 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

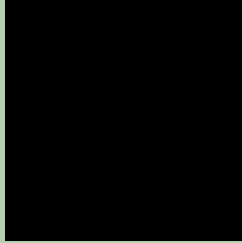
Any Text WCAG AA ✓ Pass

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](#).

R Y B 174, 207, 200 Background



This preview shows how black text looks on a background with the RYB color 174, 207, 200.

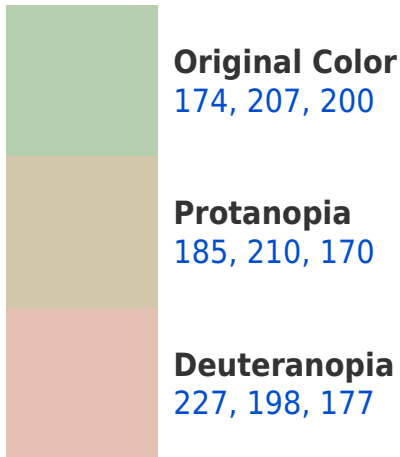


This preview shows how white text looks on a background with the RYB color 174, 207, 200.

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
188, 197, 217

Trichromacy



Original Color

174, 207, 200

Protanomaly

171, 202, 174

Deuteranomaly

197, 210, 176

Tritanomaly

185, 195, 203

Monochromacy



Original Color

174, 207, 200

Achromatopsia

195, 195, 195

Achromatomaly

187, 199, 196

CSS Examples

Text

The CSS property to change the color of the text to RGB 174, 207, 200 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(181, 207, 174)` looks like.

```
.text, #text, p{  
    color:rgb(181, 207, 174)  
}
```

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(181, 207, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 207, 174) }
```

Border

The CSS property to change the border of an element to RYB 174, 207, 200 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(181, 207, 174) }
```

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

```
.border{ border-color:rgb(181, 207, 174) }
```

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

Here you see how a box with a 4 pixel rgb(181, 207, 174) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 207, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 207, 174);  
box-shadow:4px 4px 4px 4px rgb(181, 207,  
174) }
```

Background

The CSS property to change the background color of an element to RYB 174, 207, 200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 207, 174) }
```

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

```
.background{ background-color: rgb(181,  
207, 174) }
```

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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