

Converting Colors

`RYB(171, 202, 199)`

Have a look what the booklet for
RYB(171, 202, 199) contains.

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Color

R_YB(171, 202, 199)

Conversions

Conversions Part 1

Format	Color
Hex	AECAAB
RGB	174, 202, 171
RGB Percent	68%, 79%, 67%
CMY	0.3176, 0.2078, 0.3294
CMYK	0.14, 0.00, 0.15, 0.21
HSL	114°, 23%, 73%
HSV	114°, 15%, 79%
XYZ	45.9268, 54.1800, 46.5653
YIQ	190.0940, -6.7370, -15.5770

Conversions

Conversions Part 2

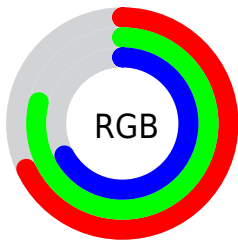
Format	Color
RYB	171, 202, 199
Decimal	11455147
CIELab	78.57, -15.26, 12.36
CIELCh	79, 19.639, 140.986
Yxy	54.1800, 0.3131, 0.3694
Android (android.graphics.Color)	4289645227 (0xFFAECAAB)
YUV	190.0940, -9.4133, -14.1144
Hunter-Lab	73.6071, -17.4382, 14.0169

Details

The RYB color **171, 202, 199** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **199, 171, 202**, and the grayscale version is **190, 190, 190**.

A 20% lighter version of the original color is **226, 255, 251**, and **119, 148, 146** is the 20% darker color. If you saturate the color by 10%, you get **151, 202, 197**, and if you desaturate by 10%, it is **191, 202, 201**.

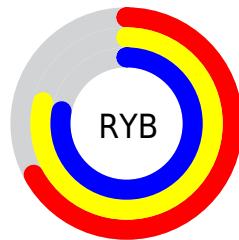
Distribution



Red (68%)

Green (79%)

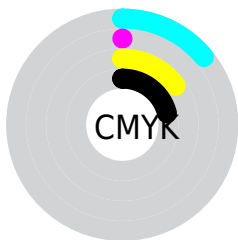
Blue (67%)



Red (67%)

Yellow (79%)

Blue (78%)

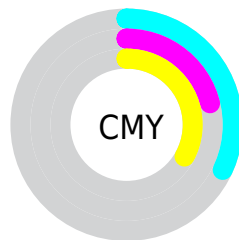


Cyan (14%)

Magenta (0%)

Yellow (15%)

Black (21%)



Cyan (32%)

Magenta (21%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the RYB color 171, 202, 199 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, 202, 199 by changing the saturation by 10% instead.

 171, 202, 199


255, 255, 255

 226, 255, 251

 171, 202, 199

 144, 175, 172

 119, 148, 146

 94, 122, 120

 70, 97, 95

 48, 73, 72

 27, 51, 51

 0, 30, 24

 0, 0, 0

 171, 202, 199

 171, 202, 199

■ 151, 202, 197

■ 191, 202, 201

■ 131, 202, 195

■ 210, 202, 211

■ 110, 202, 193

■ 229, 202, 232

■ 90, 202, 191

■ 247, 202, 252

■ 70, 202, 189

■ 255, 202, 255

■ 50, 202, 187

■ 30, 202, 186

■ 9, 202, 183

■ 0, 202, 182

Harmonies

Analogous

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



160, 197, 162



171, 202, 199



156, 186, 205

Triad

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



171, 202, 199



167, 188, 230



233, 182, 182

Complementary

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



171, 202, 199



199, 171, 202

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.



228, 182, 201



171, 202, 199



191, 192, 228

Square

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



171, 202, 199



150, 180, 222



213, 186, 218



228, 195, 167

Rectangle

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



171, 202, 199



148, 178, 205



213, 186, 218



232, 182, 188

Sweetspot

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



171, 202, 199



242, 255, 254



174, 202, 171



120, 128, 127



0, 0, 0



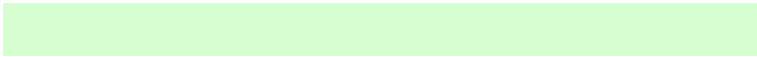
128, 128, 128

Same Dimension

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



171, 202, 199



209, 255, 250



171, 193, 202



92, 102, 101



0, 166, 150



0, 38, 34

Inverse Universe

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



199, 171, 202



251, 209, 255



202, 171, 190



101, 92, 102



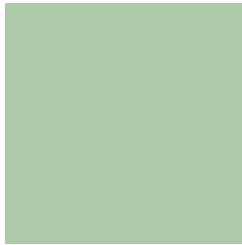
150, 0, 166



35, 0, 38

Previews

White Background



This preview shows how the RYB color 171, 202, 199 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, 202, 199 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

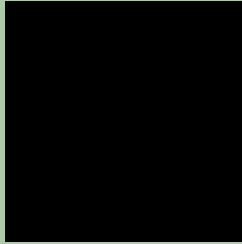
Any Text WCAG AA ✓ Pass

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, 202, 199 Background



This preview shows how black text looks on a background with the RYB color 171, 202, 199.

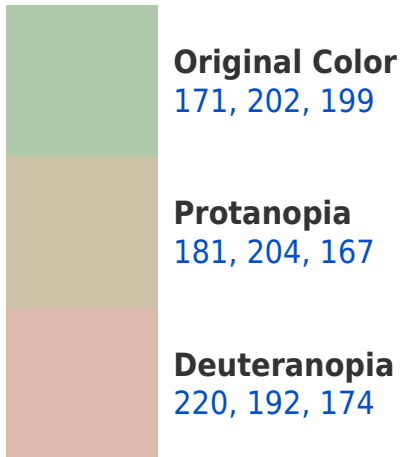



This preview shows how white text looks on a background with the RYB color 171, 202, 199.

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
181, 191, 212

Trichromacy



Original Color
171, 202, 199

Protanomaly
168, 197, 172

Deuteranomaly
190, 203, 173

Tritanomaly
178, 188, 198

Monochromacy



Original Color
171, 202, 199

Achromatopsia
190, 190, 190

Achromatomaly
183, 194, 193

CSS Examples

Text

The CSS property to change the color of the text to RYB 171, 202, 199 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(174, 202, 171)` looks like.

```
.text, #text, p{  
    color:rgb(174, 202, 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(174, 202, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 202, 171) }
```

Border

The CSS property to change the border of an element to RYB 171, 202, 199 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(174, 202, 171) }
```

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

```
.border{ border-color:rgb(174, 202, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 202, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 202, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 202, 171);  
box-shadow:4px 4px 4px 4px rgb(174, 202,  
171) }
```

Background

The CSS property to change the background color of an element to RYB 171, 202, 199 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 202, 171) }
```

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

```
.background{ background-color: rgb(174,  
202, 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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