

Converting Colors

`RYB(170, 203, 207)`

Have a look what the booklet for
RYB(170, 203, 207) contains.

RYB(170, 203, 207)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

R_YB(170, 203, 207)

Conversions

Conversions Part 1

Format	Color
Hex	AACFAE
RGB	170, 207, 174
RGB Percent	67%, 81%, 68%
CMY	0.3333, 0.1882, 0.3157
CMYK	0.18, 0.00, 0.16, 0.19
HSL	127°, 28%, 74%
HSV	127°, 18%, 81%
XYZ	46.5777, 56.2466, 48.6944
YIQ	192.1750, -11.4590, -18.1070

Conversions

Conversions Part 2

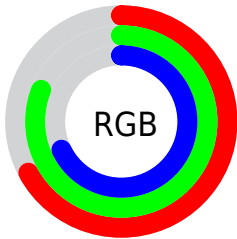
Format	Color
R _{YB}	170, 203, 207
Decimal	11194286
CIE Lab	79.75, -18.53, 12.15
CIE LCh	80, 22.159, 146.756
Yxy	56.2466, 0.3074, 0.3712
Android (android.graphics.Color)	4289384366 (0xFFAACFAE)
YUV	192.1750, -8.9603, -19.4475
Hunter-Lab	74.9978, -20.3877, 14.0027

Details

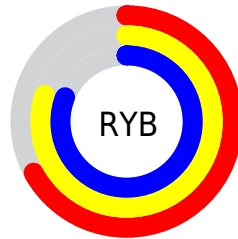
The RYB color **170, 203, 207** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **207, 170, 203**, and the grayscale version is **192, 192, 192**.

A 20% lighter version of the original color is **226, 251, 255**, and **117, 149, 153** is the 20% darker color. If you saturate the color by 10%, you get **149, 201, 207**, and if you desaturate by 10%, it is **191, 205, 207**.

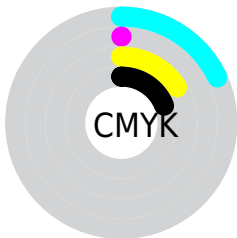
Distribution



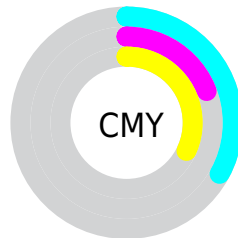
- Red (67%)
- Green (81%)
- Blue (68%)



- Red (67%)
- Yellow (80%)
- Blue (81%)



- Cyan (18%)
- Magenta (0%)
- Yellow (16%)
- Black (19%)



- Cyan (33%)
- Magenta (19%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the RYB color 170, 203, 207 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 170, 203, 207 by changing the saturation by 10% instead.

 170, 203, 207


255, 255, 255


 226, 251, 255

254, 255, 255

 170, 203, 207

 143, 175, 179

 117, 149, 153

 92, 123, 127

 68, 97, 101

 45, 72, 77

 22, 48, 54


 0, 29, 33


 0, 0, 0


 170, 203, 207


 170, 203, 207

 149, 201, 207


 191, 205, 207

 129, 199, 207


 211, 207, 211

 108, 196, 207


 232, 207, 229


 87, 194, 207

 253, 207, 247


 66, 191, 207

 255, 207, 255

 46, 190, 207

 25, 187, 207

 4, 185, 207

 0, 185, 207

Harmonies

Analogous

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



161, 202, 169



170, 203, 207



150, 183, 209

Triad

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



170, 203, 207



171, 191, 238



241, 184, 180

Complementary

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



170, 203, 207



207, 170, 203

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.



237, 183, 201



170, 203, 207



198, 193, 234

Square

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



170, 203, 207



149, 183, 232



222, 187, 221



233, 203, 164

Rectangle

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



170, 203, 207



142, 176, 210



222, 187, 221



241, 183, 187

Sweetspot

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



170, 203, 207



242, 253, 255



170, 207, 174



120, 127, 128



0, 0, 0



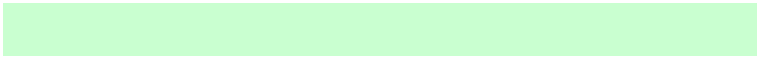
128, 128, 128

Same Dimension

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



170, 203, 207



201, 249, 255



170, 193, 207



94, 104, 105



0, 150, 168



0, 37, 41

Inverse Universe

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



207, 170, 203



255, 201, 249



207, 170, 184



105, 94, 103



168, 0, 148



41, 0, 36

Previews

White Background



This preview shows how the RYB color 170, 203, 207 looks on a white background.

Color Contrast Check

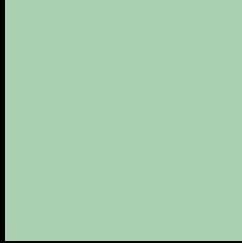
Large Text (above 18pt) WCAG AA × Fail

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 170, 203, 207 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

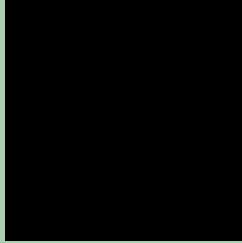
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

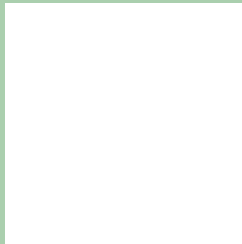
Any Text WCAG AAA ✓ Pass

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

RYB 170, 203, 207 Background



This preview shows how black text looks on a background with the RYB color 170, 203, 207.

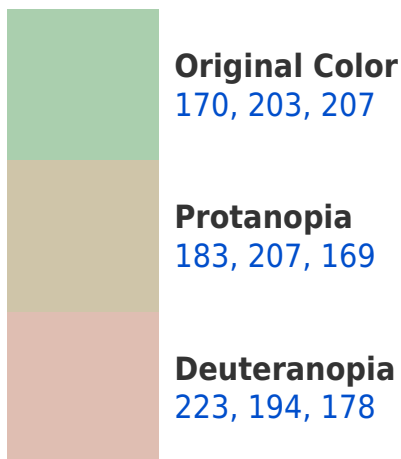


This preview shows how white text looks on a background with the RYB color 170, 203, 207.

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
177, 192, 217

Trichromacy



Original Color
170, 203, 207

Protanomaly
171, 201, 178

Deuteranomaly
188, 204, 177

Tritanomaly
174, 189, 203

Monochromacy



Original Color
170, 203, 207

Achromatopsia
192, 192, 192

Achromatomaly
184, 195, 197

CSS Examples

Text

The CSS property to change the color of the text to RYB 170, 203, 207 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(170, 207, 174)` looks like.

```
.text, #text, p{  
    color:rgb(170, 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(170, 207, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 207, 174) }
```

Border

The CSS property to change the border of an element to RYB 170, 203, 207 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(170, 207, 174) }
```

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

```
.border{ border-color:rgb(170, 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(170, 207, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 207, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 207, 174);  
box-shadow:4px 4px 4px 4px rgb(170, 207,  
174) }
```

Background

The CSS property to change the background color of an element to RYB 170, 203, 207 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 207, 174) }
```

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

```
.background{ background-color: rgb(170,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor