

Converting Colors

`RYB(163, 184, 203)`

Have a look what the booklet for
RYB(163, 184, 203) contains.

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Color

R_YB(163, 184, 203)

Conversions

Conversions Part 1

Format	Color
Hex	A3CBC7
RGB	163, 203, 199
RGB Percent	64%, 80%, 78%
CMY	0.3608, 0.2039, 0.2189
CMYK	0.20, 0.00, 0.02, 0.20
HSL	174°, 28%, 72%
HSV	174°, 20%, 80%
XYZ	46.7911, 54.6308, 62.2275
YIQ	190.5840, -22.5560, -9.7240

Conversions

Conversions Part 2

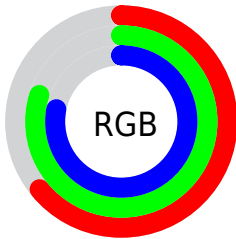
Format	Color
R _Y B	163, 184, 203
Decimal	10734535
CIE Lab	78.83, -13.94, -2.48
CIE LCh	79, 14.159, 190.072
Yxy	54.6308, 0.2859, 0.3338
Android (android.graphics.Color)	4288924615 (0xFFA3CBC7)
YUV	190.5840, 4.1491, -24.1912
Hunter-Lab	73.9126, -16.3459, 1.8222

Details

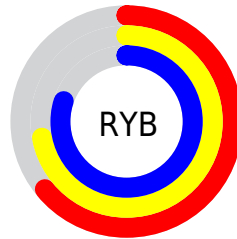
The RYB color **163, 184, 203** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **203, 163, 167**, and the grayscale version is **191, 191, 191**.

A 20% lighter version of the original color is **218, 237, 255**, and **110, 131, 149** is the 20% darker color. If you saturate the color by 10%, you get **143, 175, 203**, and if you desaturate by 10%, it is **183, 194, 203**.

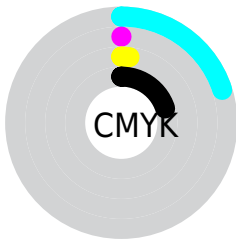
Distribution



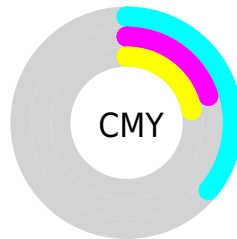
- Red (64%)
- Green (80%)
- Blue (78%)



- Red (64%)
- Yellow (72%)
- Blue (80%)



- Cyan (20%)
- Magenta (0%)
- Yellow (2%)
- Black (20%)



- Cyan (36%)
- Magenta (20%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the RYB color 163, 184, 203 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 163, 184, 203 by changing the saturation by 10% instead.


 163, 184, 203


255, 255, 255


 218, 237, 255

 247, 251, 255

 163, 184, 203


 136, 157, 176


 110, 131, 149

 85, 105, 123

 61, 80, 98

 37, 56, 74

 13, 33, 51

 0, 16, 30

 0, 0, 1

 0, 0, 0

■ 163, 184, 203

■ 163, 184, 203

■ 143, 175, 203

■ 183, 194, 203

■ 122, 165, 203

■ 204, 203, 203

■ 102, 155, 203

■ 224, 203, 205

■ 82, 146, 203

■ 244, 203, 207

■ 62, 136, 203

■ 255, 203, 209

■ 41, 126, 203

■ 255, 203, 211

■ 21, 116, 203

■ 255, 203, 213

■ 1, 107, 203

■ 255, 203, 215

■ 0, 106, 203

■ 255, 203, 217

Harmonies

Analogous

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



172, 192, 202



163, 184, 203



162, 184, 212

Triad

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



163, 184, 203



203, 190, 215



214, 208, 171

Complementary

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



163, 184, 203



203, 163, 167

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.



222, 190, 179



163, 184, 203



216, 187, 204

Square

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



163, 184, 203



187, 193, 221



223, 186, 191



175, 201, 169

Rectangle

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



163, 184, 203



167, 187, 217



223, 186, 191



217, 201, 173

Sweetspot

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



163, 184, 203



240, 248, 255



163, 203, 199



119, 124, 128



0, 0, 0



128, 128, 128

Same Dimension

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



163, 184, 203



194, 226, 255



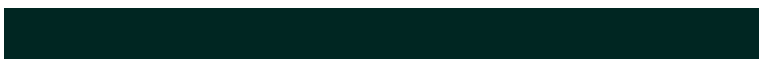
163, 178, 203



92, 97, 102



0, 87, 166



0, 20, 38

Inverse Universe

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



203, 163, 167



255, 194, 200



203, 190, 163



102, 92, 93



166, 0, 16



38, 0, 4

Previews

White Background



This preview shows how the RYB color 163, 184, 203 looks on a white background.

Color Contrast Check

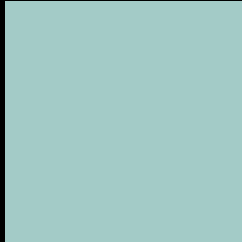
Large Text (above 18pt) WCAG AA × Fail

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 163, 184, 203 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

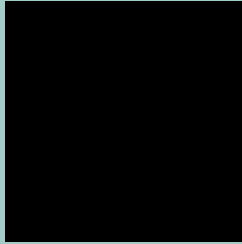
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

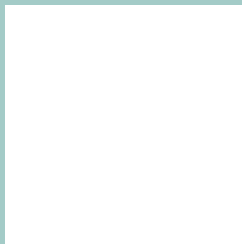
Any Text WCAG AAA ✓ Pass

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

RYB 163, 184, 203 Background



This preview shows how black text looks on a background with the RYB color 163, 184, 203.

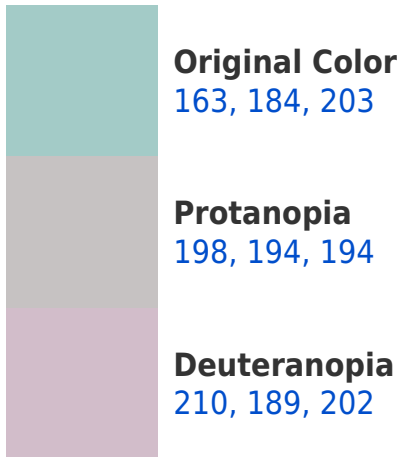


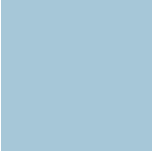
This preview shows how white text looks on a background with the RYB color 163, 184, 203.

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](#).

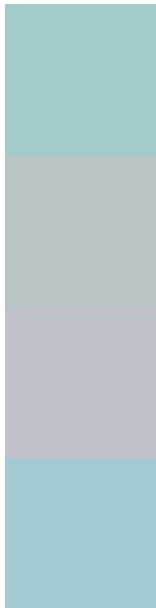
Dichromacy





Tritanopia
166, 186, 216

Trichromacy



Original Color
163, 184, 203

Protanomaly
185, 191, 197

Deuteranomaly
193, 194, 201

Tritanomaly
165, 185, 210

Monochromacy



Original Color
163, 184, 203

Achromatopsia
191, 191, 191

Achromatomaly
181, 188, 195

CSS Examples

Text

The CSS property to change the color of the text to RYB 163, 184, 203 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(163, 203, 199)` looks like.

```
.text, #text, p{  
    color:rgb(163, 203, 199)  
}
```

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(163, 203, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 203, 199) }
```

Border

The CSS property to change the border of an element to RYB 163, 184, 203 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(163, 203, 199) }
```

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

```
.border{ border-color:rgb(163, 203, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 203, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(163, 203, 199); -webkit-box-shadow:4px 4px 4px 4px rgb(163, 203, 199); box-shadow:4px 4px 4px 4px rgb(163, 203, 199) }
```

Background

The CSS property to change the background color of an element to RYB 163, 184, 203 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 203, 199) }
```

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

```
.background{ background-color: rgb(163,  
203, 199) }
```

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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