

Converting Colors

`RYB(163, 206, 179)`

Have a look what the booklet for
RYB(163, 206, 179) contains.

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Color

R_YB(163, 206, 179)

Conversions

Conversions Part 1

Format	Color
Hex	BECEA3
RGB	190, 206, 163
RGB Percent	75%, 81%, 64%
CMY	0.2549, 0.1922, 0.3608
CMYK	0.08, 0.00, 0.21, 0.19
HSL	82°, 30%, 72%
HSV	82°, 21%, 81%
XYZ	49.9174, 57.7341, 43.1632
YIQ	196.3140, 4.2670, -16.7650

Conversions

Conversions Part 2

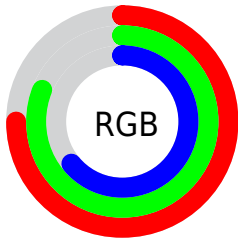
Format	Color
RYB	163, 206, 179
Decimal	12504739
CIELab	80.59, -12.93, 19.62
CIElCh	81, 23.496, 123.401
Yxy	57.7341, 0.3310, 0.3828
Android (android.graphics.Color)	4290694819 (0xFFBECEA3)
YUV	196.3140, -16.4238, -5.5374
Hunter-Lab	75.9830, -15.7038, 19.5075

Details

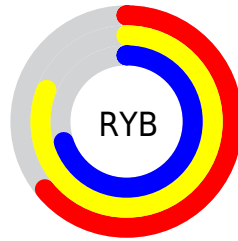
The RYB color **163, 206, 179** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **179, 163, 206**, and the grayscale version is **196, 196, 196**.

A 20% lighter version of the original color is **218, 255, 226**, and **111, 152, 127** is the 20% darker color. If you saturate the color by 10%, you get **142, 206, 166**, and if you desaturate by 10%, it is **184, 206, 192**.

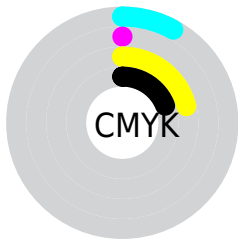
Distribution



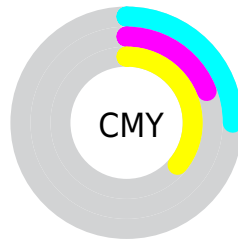
- Red (75%)
- Green (81%)
- Blue (64%)



- Red (64%)
- Yellow (81%)
- Blue (70%)



- Cyan (8%)
- Magenta (0%)
- Yellow (21%)
- Black (19%)



- Cyan (25%)
- Magenta (19%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the RYB color 163, 206, 179 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, 206, 179 by changing the saturation by 10% instead.

■ 163, 206, 179

255, 255, 255

■ 218, 255, 226

■ 247, 255, 247

■ 163, 206, 179

■ 137, 178, 152

■ 111, 152, 127

■ 87, 126, 102

■ 63, 101, 78

■ 41, 77, 56

■ 19, 54, 33

■ 0, 33, 12

■ 0, 4, 4

■ 0, 0, 0

 163, 206, 179

 163, 206, 179

 142, 206, 166

 184, 206, 192

 122, 206, 153

 204, 206, 205

 101, 206, 140

 213, 206, 225

 81, 206, 128

 221, 206, 245

 60, 206, 114

 228, 206, 255

 39, 206, 101

 236, 206, 255

 19, 206, 89

 244, 206, 255

 0, 206, 77

 251, 206, 255

 255, 206, 255

Harmonies

Analogous

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



176, 214, 156



163, 206, 179



165, 200, 211

Triad

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



163, 206, 179



151, 186, 239



244, 184, 198

Complementary

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



163, 206, 179



179, 163, 206

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.



231, 187, 220



163, 206, 179



178, 195, 243

Square

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



163, 206, 179



139, 178, 223



207, 194, 237



244, 187, 177

Rectangle

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



163, 206, 179



151, 187, 212



207, 194, 237



241, 185, 206

Sweetspot

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



163, 206, 179



240, 255, 246



206, 188, 163



119, 128, 123



0, 0, 0



128, 128, 128

Same Dimension

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



163, 206, 179



191, 255, 215



163, 206, 200



92, 102, 96



0, 166, 62



0, 38, 14

Inverse Universe

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



179, 163, 206



215, 191, 255



200, 163, 206



96, 92, 102



62, 0, 166



14, 0, 38

Previews

White Background



This preview shows how the RYB color 163, 206, 179 looks on a white background.

Color Contrast Check

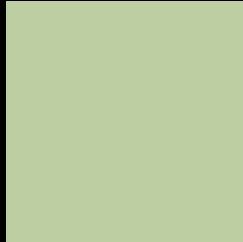
Large Text (above 18pt) WCAG AA × Fail

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, 206, 179 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

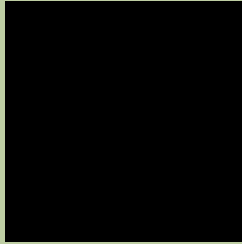
Any Text WCAG AA ✓ Pass

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, 206, 179 Background



This preview shows how black text looks on a background with the RYB color 163, 206, 179.

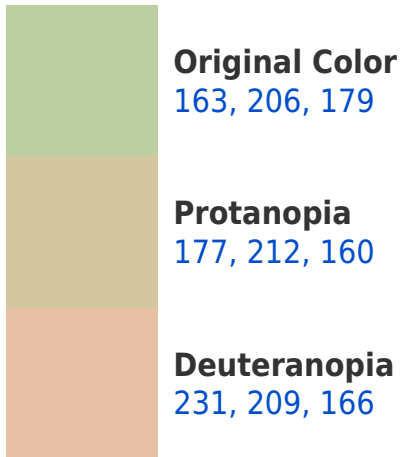


This preview shows how white text looks on a background with the RYB color 163, 206, 179.

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](#).

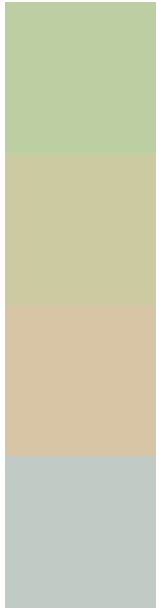
Dichromacy





Tritanopia
197, 199, 215

Trichromacy



Original Color
163, 206, 179

Protanomaly
163, 204, 161

Deuteranomaly
195, 216, 165

Tritanomaly
194, 200, 202

Monochromacy



Original Color
163, 206, 179

Achromatopsia
196, 196, 196

Achromatomaly
184, 200, 190

CSS Examples

Text

The CSS property to change the color of the text to RYB 163, 206, 179 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, 206, 163)` looks like.

```
.text, #text, p{  
    color:rgb(190, 206, 163)  
}
```

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, 206, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 206, 163) }
```

Border

The CSS property to change the border of an element to RYB 163, 206, 179 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, 206, 163) }
```

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

```
.border{ border-color:rgb(190, 206, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 206, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 206, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 206, 163);  
box-shadow:4px 4px 4px 4px rgb(190, 206,  
163) }
```

Background

The CSS property to change the background color of an element to RYB 163, 206, 179 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 206, 163) }
```

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

```
.background{ background-color: rgb(190,  
206, 163) }
```

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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