

Converting Colors

`RYB(157, 195, 169)`

Have a look what the booklet for
RYB(157, 195, 169) contains.

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Color

R_YB(157, 195, 169)

Conversions

Conversions Part 1

Format	Color
Hex	B7C39D
RGB	183, 195, 157
RGB Percent	72%, 76%, 62%
CMY	0.2824, 0.2353, 0.3843
CMYK	0.06, 0.00, 0.19, 0.24
HSL	79°, 24%, 69%
HSV	79°, 19%, 76%
XYZ	45.1293, 51.5318, 39.4664
YIQ	187.0800, 5.0460, -14.3620

Conversions

Conversions Part 2

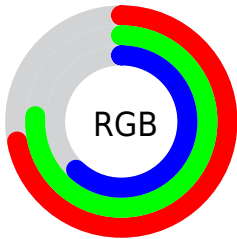
Format	Color
RYB	157, 195, 169
Decimal	12043165
CIELab	77.00, -10.79, 17.75
CIELCh	77, 20.769, 121.305
Yxy	51.5318, 0.3315, 0.3786
Android (android.graphics.Color)	4290233245 (0xFFB7C39D)
YUV	187.0800, -14.8294, -3.5782
Hunter-Lab	71.7857, -13.4077, 17.6535

Details

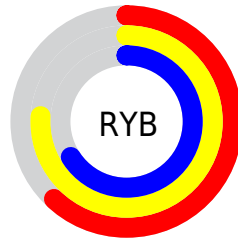
The RYB color **157, 195, 169** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **169, 157, 195**, and the grayscale version is **187, 187, 187**.

A 20% lighter version of the original color is **212, 252, 225**, and **106, 141, 117** is the 20% darker color. If you saturate the color by 10%, you get **138, 195, 156**, and if you desaturate by 10%, it is **177, 195, 183**.

Distribution



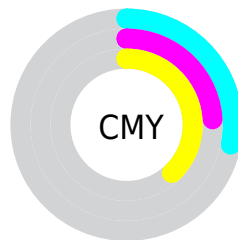
- Red (72%)
- Green (76%)
- Blue (62%)



- Red (62%)
- Yellow (76%)
- Blue (66%)



- Cyan (6%)
- Magenta (0%)
- Yellow (19%)
- Black (24%)



- Cyan (28%)
- Magenta (24%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the RYB color 157, 195, 169 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 157, 195, 169 by changing the saturation by 10% instead.


 157, 195, 169

255, 255, 255


 212, 252, 225

 240, 255, 240

 157, 195, 169

 131, 168, 143

 106, 141, 117

 81, 116, 93


 58, 91, 69

 36, 68, 47

 15, 46, 26

 0, 25, 14

 0, 0, 0

 157, 195, 169


 157, 195, 169


 138, 195, 156


 177, 195, 183

 118, 195, 142


 195, 195, 196

 99, 195, 129


 201, 195, 216


 79, 195, 116


 208, 195, 235

 60, 195, 103


 214, 195, 255

 40, 195, 89


 220, 195, 255

 21, 195, 76

 226, 195, 255

 1, 195, 62

 232, 195, 255

 0, 195, 62

 238, 195, 255

Harmonies

Analogous

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



173, 204, 152



157, 195, 169



161, 191, 199

Triad

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



157, 195, 169



147, 177, 223



228, 177, 190

Complementary

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



157, 195, 169



169, 157, 195

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.



216, 179, 209



157, 195, 169



169, 185, 228

Square

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



157, 195, 169



138, 171, 209



195, 185, 223



230, 179, 171

Rectangle

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



157, 195, 169



149, 180, 201



195, 185, 223



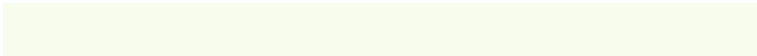
225, 177, 196

Sweetspot

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



157, 195, 169



237, 252, 241



195, 172, 157



119, 128, 122



0, 0, 0



128, 128, 128

Same Dimension

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



157, 195, 169



194, 252, 212



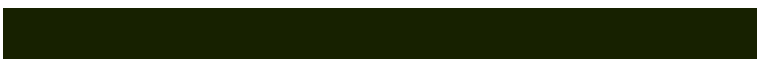
157, 195, 187



87, 97, 90



0, 161, 51



0, 33, 10

Inverse Universe

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



169, 157, 195



213, 194, 252



187, 157, 195



90, 87, 97



51, 0, 161



10, 0, 33

Previews

White Background



This preview shows how the RYB color 157, 195, 169 looks on a white background.

Color Contrast Check

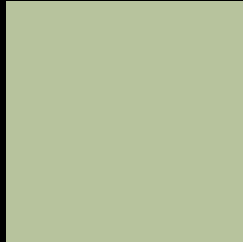
Large Text (above 18pt) WCAG AA × Fail

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 157, 195, 169 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

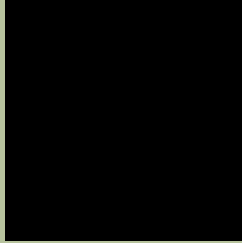
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

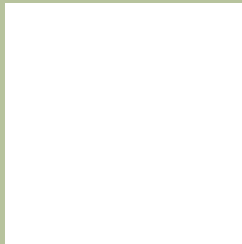
Any Text WCAG AAA ✓ Pass

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

RYB 157, 195, 169 Background



This preview shows how black text looks on a background with the RYB color 157, 195, 169.




This preview shows how white text looks on a background with the RYB color 157, 195, 169.

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](#).

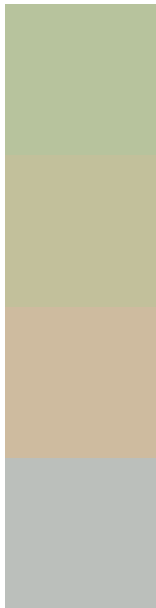
Dichromacy





Tritanopia
190, 189, 204

Trichromacy



Original Color

157, 195, 169

Protanomaly

157, 194, 155

Deuteranomaly

191, 206, 159

Tritanomaly

187, 191, 191

Monochromacy



Original Color

157, 195, 169

Achromatopsia

187, 187, 187

Achromatomaly

176, 190, 180

CSS Examples

Text

The CSS property to change the color of the text to RGB 157, 195, 183 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(183, 195, 157) looks like.

```
.text, #text, p{  
    color:rgb(183, 195, 157)  
}
```

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(183, 195, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 195, 157) }
```

Border

The CSS property to change the border of an element to RYB 157, 195, 169 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(183, 195, 157) }
```

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

```
.border{ border-color:rgb(183, 195, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 195, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 195, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 195, 157);  
box-shadow:4px 4px 4px 4px rgb(183, 195,  
157) }
```

Background

The CSS property to change the background color of an element to RYB 157, 195, 169 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 195, 157) }
```

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

```
.background{ background-color: rgb(183,  
195, 157) }
```

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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