

Converting Colors

`RYB(157, 195, 175)`

Have a look what the booklet for
RYB(157, 195, 175) contains.

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Color

R_YB(157, 195, 175)

Conversions

Conversions Part 1

Format	Color
Hex	B1C39D
RGB	177, 195, 157
RGB Percent	69%, 76%, 62%
CMY	0.3059, 0.2353, 0.3843
CMYK	0.09, 0.00, 0.19, 0.24
HSL	88°, 24%, 69%
HSV	88°, 19%, 76%
XYZ	43.7324, 50.8116, 39.4010
YIQ	185.2860, 1.4700, -15.6340

Conversions

Conversions Part 2

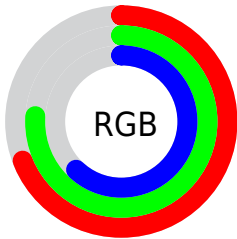
Format	Color
RYB	157, 195, 175
Decimal	11649949
CIELab	76.56, -12.98, 17.07
CIElCh	77, 21.449, 127.249
Yxy	50.8116, 0.3265, 0.3793
Android (android.graphics.Color)	4289840029 (0xFFB1C39D)
YUV	185.2860, -13.9450, -7.2668
Hunter-Lab	71.2823, -15.2325, 17.1253

Details

The RYB color **157, 195, 175** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **175, 157, 195**, and the grayscale version is **185, 185, 185**.

A 20% lighter version of the original color is **212, 252, 231**, and **106, 141, 123** is the 20% darker color. If you saturate the color by 10%, you get **138, 195, 165**, and if you desaturate by 10%, it is **177, 195, 186**.

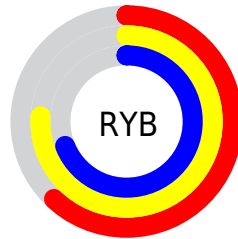
Distribution



Red (69%)

Green (76%)

Blue (62%)



Red (62%)

Yellow (76%)

Blue (69%)

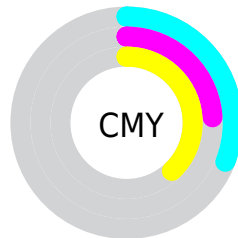


Cyan (9%)

Magenta (0%)

Yellow (19%)

Black (24%)



Cyan (31%)

Magenta (24%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the RYB color 157, 195, 175 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, 175 by changing the saturation by 10% instead.


 157, 195, 175

255, 255, 255


 212, 252, 231

 240, 255, 240

 157, 195, 175

 131, 168, 149

 106, 141, 123

 81, 116, 98


 58, 91, 74


 36, 68, 52

 15, 45, 30

 0, 25, 22

 0, 0, 0

 157, 195, 175


 157, 195, 175

 138, 195, 165


 177, 195, 186

 118, 195, 154


 195, 195, 196

 99, 195, 145


 205, 195, 216


 79, 195, 134


 214, 195, 235

 60, 195, 124


 223, 195, 255


 40, 195, 113


 232, 195, 255

 21, 195, 104

 242, 195, 255

 1, 195, 93

 251, 195, 255

 0, 195, 92

 255, 195, 255

Harmonies

Analogous

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



163, 199, 150



157, 195, 175



155, 186, 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, 175



148, 177, 225



229, 175, 185

Complementary

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



157, 195, 175



175, 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.



219, 177, 205



157, 195, 175



172, 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, 175



135, 170, 212



198, 182, 220



229, 179, 166

Rectangle

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



157, 195, 175



143, 175, 200



198, 182, 220



227, 175, 191

Sweetspot

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



157, 195, 175



237, 252, 244



195, 191, 157



119, 128, 124



0, 0, 0



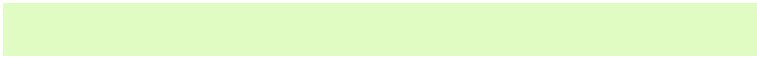
128, 128, 128

Same Dimension

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



157, 195, 175



194, 252, 221



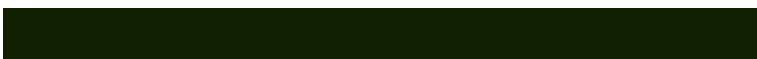
157, 195, 194



87, 97, 92



0, 161, 76



0, 33, 16

Inverse Universe

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



175, 157, 195



222, 194, 252



194, 157, 195



92, 87, 97



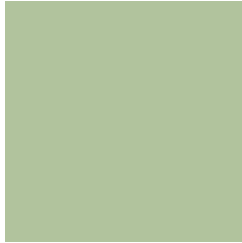
76, 0, 161



16, 0, 33

Previews

White Background



This preview shows how the RYB color 157, 195, 175 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, 175 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

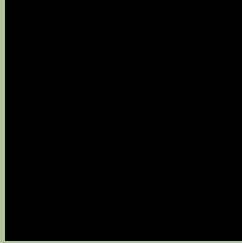
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

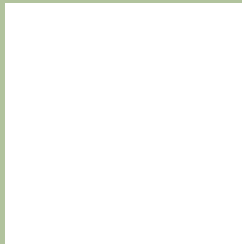
Any Text WCAG AAA ✓ Pass

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

R Y B 157, 195, 175 Background



This preview shows how black text looks on a background with the RYB color 157, 195, 175.

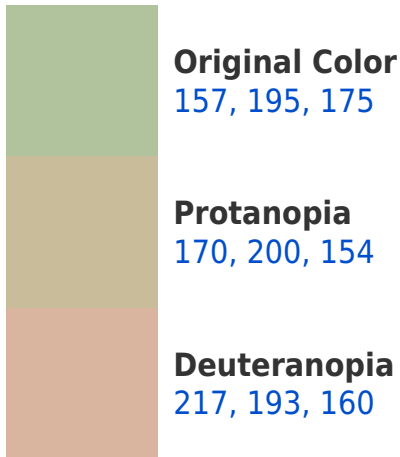


This preview shows how white text looks on a background with the RYB color 157, 195, 175.

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](#).

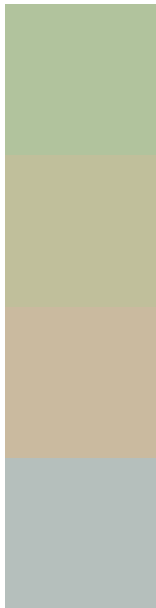
Dichromacy





Tritanopia
184, 188, 204

Trichromacy



Original Color
157, 195, 175

Protanomaly
156, 192, 155

Deuteranomaly
184, 202, 159

Tritanomaly
181, 187, 191

Monochromacy



Original Color
157, 195, 175

Achromatopsia
185, 185, 185

Achromatomaly
175, 189, 182

CSS Examples

Text

The CSS property to change the color of the text to RYB 157, 195, 175 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(177, 195, 157)` looks like.

```
.text, #text, p{  
    color:rgb(177, 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(177, 195, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 195, 157) }
```

Border

The CSS property to change the border of an element to RYB 157, 195, 175 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(177, 195, 157) }
```

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

```
.border{ border-color:rgb(177, 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(177, 195, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 195, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 195, 157);  
box-shadow:4px 4px 4px 4px rgb(177, 195,  
157) }
```

Background

The CSS property to change the background color of an element to RYB 157, 195, 175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 195, 157) }
```

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

```
.background{ background-color: rgb(177,  
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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