

Converting Colors

`RYB(169, 194, 173)`

Have a look what the booklet for RYB(169, 194, 173) contains.

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Color

R_YB(169, 194, 173)

Conversions

Conversions Part 1

Format	Color
Hex	BEC2A9
RGB	190, 194, 169
RGB Percent	75%, 76%, 66%
CMY	0.2549, 0.2392, 0.3373
CMYK	0.02, 0.00, 0.13, 0.24
HSL	70°, 17%, 71%
HSV	70°, 13%, 76%
XYZ	47.6884, 52.3953, 45.1360
YIQ	189.9540, 5.6410, -8.6230

Conversions

Conversions Part 2

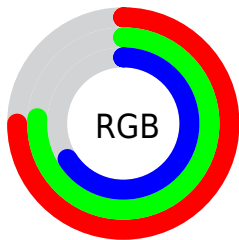
Format	Color
RYB	169, 194, 173
Decimal	12501673
CIELab	77.52, -5.78, 12.11
CIELCh	78, 13.419, 115.514
Yxy	52.3953, 0.3284, 0.3608
Android (android.graphics.Color)	4290691753 (0xFFBEC2A9)
YUV	189.9540, -10.3303, 0.0403
Hunter-Lab	72.3846, -9.0737, 13.6985

Details

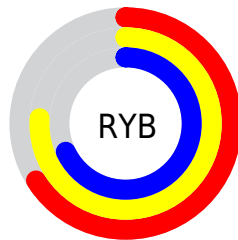
The RYB color **169, 194, 173** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **173, 169, 194**, and the grayscale version is **190, 190, 190**.

A 20% lighter version of the original color is **224, 250, 228**, and **117, 140, 120** is the 20% darker color. If you saturate the color by 10%, you get **150, 194, 157**, and if you desaturate by 10%, it is **188, 194, 189**.

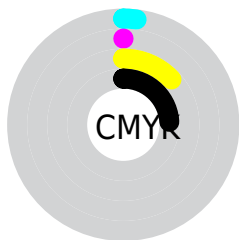
Distribution



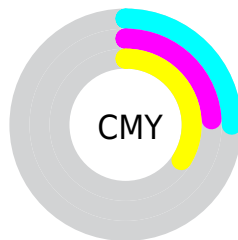
- Red (75%)
- Green (76%)
- Blue (66%)



- Red (66%)
- Yellow (76%)
- Blue (68%)



- Cyan (2%)
- Magenta (0%)
- Yellow (13%)
- Black (24%)



- Cyan (25%)
- Magenta (24%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the RYB color 169, 194, 173 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 169, 194, 173 by changing the saturation by 10% instead.

 169, 194, 173

255, 255, 255


 224, 250, 228

253, 255, 253

 169, 194, 173

 143, 167, 147

 117, 140, 120

 92, 115, 96

 69, 90, 72

 46, 67, 50

 25, 45, 29

 0, 24, 2

 0, 0, 0

 169, 194, 173

 169, 194, 173

■ 150, 194, 157

■ 188, 194, 189

■ 130, 194, 140

■ 196, 194, 208

■ 111, 194, 124

■ 199, 194, 227

■ 91, 194, 107

■ 202, 194, 247

■ 72, 194, 92

■ 206, 194, 255

■ 53, 194, 76

■ 209, 194, 255

■ 33, 194, 59

■ 212, 194, 255

■ 14, 194, 43

■ 215, 194, 255

■ 0, 194, 31

■ 218, 194, 255

Harmonies

Analogous

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



190, 204, 167



169, 194, 173



176, 196, 197

Triad

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



169, 194, 173



164, 184, 212



216, 183, 194

Complementary

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



169, 194, 173



173, 169, 194

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.



206, 185, 206



169, 194, 173



176, 188, 216

Square

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



169, 194, 173



160, 180, 202



192, 189, 214



218, 184, 181

Rectangle

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



169, 194, 173



168, 187, 198



192, 189, 214



213, 184, 198

Sweetspot

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



169, 194, 173



242, 252, 243



194, 174, 169



121, 128, 123



0, 0, 0



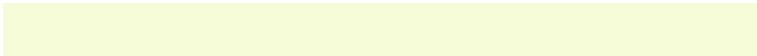
128, 128, 128

Same Dimension

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



169, 194, 173



215, 252, 221



169, 194, 185



87, 97, 89



0, 161, 26



0, 33, 5

Inverse Universe

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



173, 169, 194



221, 215, 252



185, 169, 194



89, 87, 97



26, 0, 161



5, 0, 33

Previews

White Background



This preview shows how the RYB color 169, 194, 173 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 169, 194, 173 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

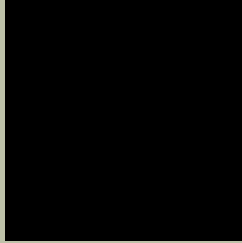
Any Text WCAG AA ✓ Pass

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 169, 194, 173 Background



This preview shows how black text looks on a background with the RYB color 169, 194, 173.




This preview shows how white text looks on a background with the RYB color 169, 194, 173.

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](#).

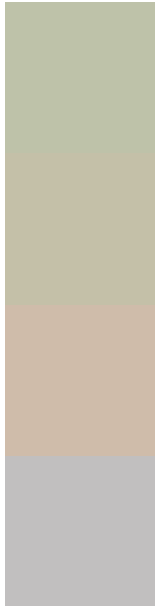
Dichromacy





Tritanopia
195, 189, 204

Trichromacy



Original Color

169, 194, 173

Protanomaly

173, 196, 168

Deuteranomaly

207, 205, 170

Tritanomaly

193, 191, 191

Monochromacy



Original Color

169, 194, 173

Achromatopsia

190, 190, 190

Achromatomaly

182, 191, 183

CSS Examples

Text

The CSS property to change the color of the text to RYB 169, 194, 173 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, 194, 169) looks like.

```
.text, #text, p{  
    color:rgb(190, 194, 169)  
}
```

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, 194, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 194, 169) }
```

Border

The CSS property to change the border of an element to RYB 169, 194, 173 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, 194, 169) }
```

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

```
.border{ border-color:rgb(190, 194, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 194, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 194, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 194, 169);  
box-shadow:4px 4px 4px 4px rgb(190, 194,  
169) }
```

Background

The CSS property to change the background color of an element to RYB 169, 194, 173 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 194, 169) }
```

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

```
.background{ background-color: rgb(190,  
194, 169) }
```

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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