

Converting Colors

`RYB(169, 209, 172)`

Have a look what the booklet for RYB(169, 209, 172) contains.

RYB(169, 209, 172)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

R_YB(169, 209, 172)

Conversions

Conversions Part 1

Format	Color
Hex	CED1A9
RGB	206, 209, 169
RGB Percent	81%, 82%, 66%
CMY	0.1922, 0.1804, 0.3373
CMYK	0.01, 0.00, 0.19, 0.18
HSL	64°, 30%, 74%
HSV	64°, 19%, 82%
XYZ	55.4155, 61.5873, 46.5029
YIQ	203.5430, 11.0520, -13.0760

Conversions

Conversions Part 2

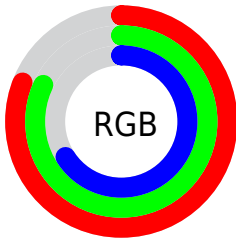
Format	Color
R _{YB}	169, 209, 172
Decimal	13554089
CIE Lab	82.69, -7.70, 19.55
CIE LCh	83, 21.007, 111.502
Yxy	61.5873, 0.3389, 0.3767
Android (android.graphics.Color)	4291744169 (0xFFCED1A9)
YUV	203.5430, -17.0297, 2.1548
Hunter-Lab	78.4776, -11.2913, 19.8012

Details

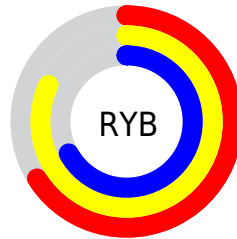
The RYB color **169, 209, 172** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **172, 169, 209**, and the grayscale version is **204, 204, 204**.

A 20% lighter version of the original color is **224, 255, 224**, and **117, 155, 121** is the 20% darker color. If you saturate the color by 10%, you get **148, 209, 153**, and if you desaturate by 10%, it is **190, 209, 191**.

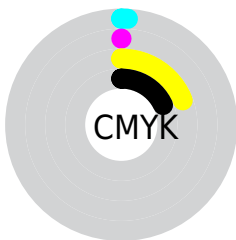
Distribution



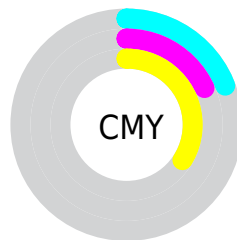
- Red (81%)
- Green (82%)
- Blue (66%)



- Red (66%)
- Yellow (82%)
- Blue (67%)



- Cyan (1%)
- Magenta (0%)
- Yellow (19%)
- Black (18%)



- Cyan (19%)
- Magenta (18%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the RYB color 169, 209, 172 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, 209, 172 by changing the saturation by 10% instead.


 169, 209, 172

255, 255, 255


 224, 255, 224

253, 255, 253

 169, 209, 172


 142, 181, 145

 117, 155, 121


 92, 129, 96

 68, 104, 72

 46, 80, 50

 24, 57, 28

 0, 35, 3

 0, 15, 15

 0, 0, 0

 169, 209, 172

 169, 209, 172

 148, 209, 153

 190, 209, 191

 127, 209, 133

 209, 209, 211

 106, 209, 114

 211, 209, 232

 85, 209, 94

 212, 209, 253

 65, 209, 76

 214, 209, 255

 44, 209, 56

 215, 209, 255

 23, 209, 37

 217, 209, 255

 2, 209, 18

 219, 209, 255

 0, 209, 16

 220, 209, 255

Harmonies

Analogous

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



207, 227, 167



169, 209, 172



181, 214, 212

Triad

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



169, 209, 172



158, 191, 236



242, 193, 212

Complementary

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



169, 209, 172



172, 169, 209

Split Complementary

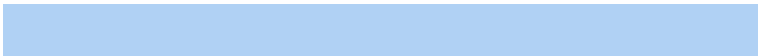
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



226, 196, 231



169, 209, 172



176, 198, 244

Square

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



169, 209, 172



153, 186, 220



202, 203, 242



247, 193, 192

Rectangle

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



169, 209, 172



170, 201, 216



202, 203, 242



238, 193, 219

Sweetspot

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



169, 209, 172



240, 255, 241



209, 172, 169



119, 128, 120



0, 0, 0



128, 128, 128

Same Dimension

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



169, 209, 172



196, 255, 200



169, 209, 192



94, 105, 95



0, 168, 12



0, 41, 3

Inverse Universe

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



172, 169, 209



201, 196, 255



192, 169, 209



95, 94, 105



13, 0, 168



3, 0, 41

Previews

White Background



This preview shows how the RYB color 169, 209, 172 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, 209, 172 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

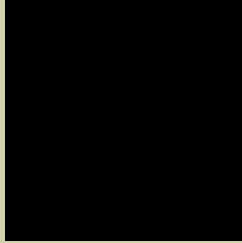
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

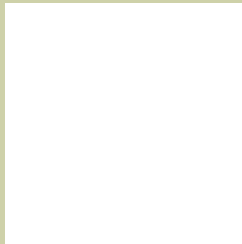
Any Text WCAG AAA ✓ Pass

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

RYB 169, 209, 172 Background



This preview shows how black text looks on a background with the RYB color 169, 209, 172.

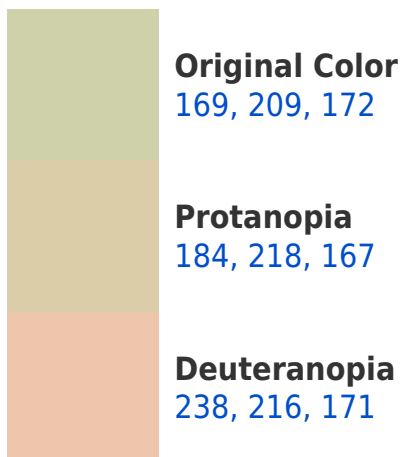


This preview shows how white text looks on a background with the RYB color 169, 209, 172.

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](#).

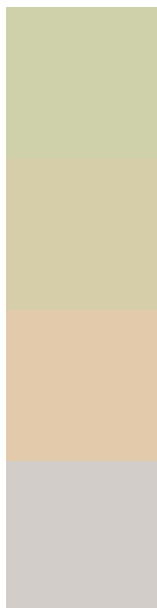
Dichromacy





Tritanopia
213, 202, 218

Trichromacy



Original Color

169, 209, 172

Protanomaly

178, 214, 168

Deuteranomaly

212, 226, 170

Tritanomaly

210, 210, 200

Monochromacy



Original Color

169, 209, 172

Achromatopsia

204, 204, 204

Achromatomaly

191, 206, 192

CSS Examples

Text

The CSS property to change the color of the text to RYB 169, 209, 172 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(206, 209, 169)` looks like.

```
.text, #text, p{  
    color:rgb(206, 209, 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(206, 209, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 209, 169) }
```

Border

The CSS property to change the border of an element to RYB 169, 209, 172 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(206, 209, 169) }
```

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

```
.border{ border-color:rgb(206, 209, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 209, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 209, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 209, 169);  
box-shadow:4px 4px 4px 4px rgb(206, 209,  
169) }
```

Background

The CSS property to change the background color of an element to RYB 169, 209, 172 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 209, 169) }
```

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

```
.background{ background-color: rgb(206,  
209, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor