

Converting Colors

`RYB(169, 206, 186)`

Have a look what the booklet for
RYB(169, 206, 186) contains.

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Color

R_YB(169, 206, 186)

Conversions

Conversions Part 1

Format	Color
Hex	BDCEA9
RGB	189, 206, 169
RGB Percent	74%, 81%, 66%
CMY	0.2588, 0.1922, 0.3373
CMYK	0.08, 0.00, 0.18, 0.19
HSL	88°, 27%, 74%
HSV	88°, 18%, 81%
XYZ	50.2190, 57.8260, 46.0508
YIQ	196.6990, 1.7450, -15.1110

Conversions

Conversions Part 2

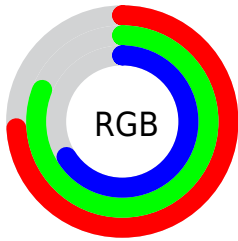
Format	Color
RYB	169, 206, 186
Decimal	12439209
CIELab	80.64, -12.34, 16.50
CIELCh	81, 20.605, 126.805
Yxy	57.8260, 0.3259, 0.3753
Android (android.graphics.Color)	4290629289 (0xFFBDCEA9)
YUV	196.6990, -13.6556, -6.7520
Hunter-Lab	76.0434, -15.1947, 17.3252

Details

The RYB color **169, 206, 186** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **186, 169, 206**, and the grayscale version is **197, 197, 197**.

A 20% lighter version of the original color is **224, 255, 234**, and **117, 152, 134** is the 20% darker color. If you saturate the color by 10%, you get **148, 206, 174**, and if you desaturate by 10%, it is **190, 206, 198**.

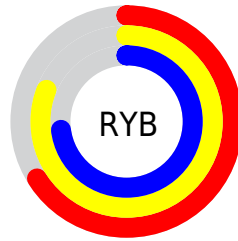
Distribution



Red (74%)

Green (81%)

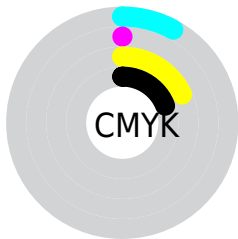
Blue (66%)



Red (66%)

Yellow (81%)

Blue (73%)

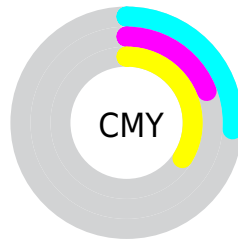


Cyan (8%)

Magenta (0%)

Yellow (18%)

Black (19%)



Cyan (26%)

Magenta (19%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the RYB color 169, 206, 186 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, 206, 186 by changing the saturation by 10% instead.


 169, 206, 186

255, 255, 255


 224, 255, 234

253, 255, 253

 169, 206, 186

 142, 178, 158

 117, 152, 134

 92, 126, 108

 68, 101, 84

 46, 77, 61

 25, 54, 40

 0, 33, 12

 0, 4, 4

 0, 0, 0

 169, 206, 186

 169, 206, 186

 148, 206, 174

 190, 206, 198

 128, 206, 164

 208, 206, 210

 107, 206, 152

 217, 206, 231

 87, 206, 142

 227, 206, 251

 66, 206, 130

 236, 206, 255

 45, 206, 119

 246, 206, 255

 25, 206, 108

 255, 206, 255

 4, 206, 97

 0, 206, 95

Harmonies

Analogous

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



176, 211, 162



169, 206, 186



168, 198, 210

Triad

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



169, 206, 186



161, 189, 235



240, 187, 196

Complementary

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



169, 206, 186



186, 169, 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.



229, 189, 216



169, 206, 186



184, 196, 238

Square

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



169, 206, 186



149, 182, 222



209, 194, 231



239, 191, 178

Rectangle

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



169, 206, 186



156, 188, 211



209, 194, 231



237, 187, 203

Sweetspot

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



169, 206, 186



242, 255, 248



206, 200, 169



120, 128, 124



0, 0, 0



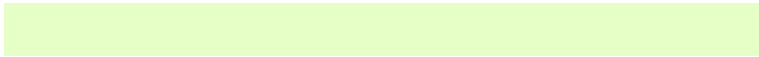
128, 128, 128

Same Dimension

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



169, 206, 186



199, 255, 225



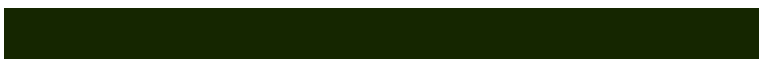
169, 206, 204



92, 102, 97



0, 166, 76



0, 38, 17

Inverse Universe

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



186, 169, 206



225, 199, 255



204, 169, 206



96, 92, 102



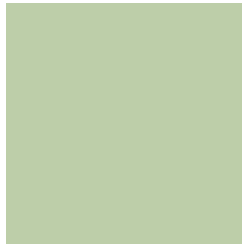
76, 0, 166



18, 0, 38

Previews

White Background



This preview shows how the RYB color 169, 206, 186 looks on a white background.

Color Contrast Check

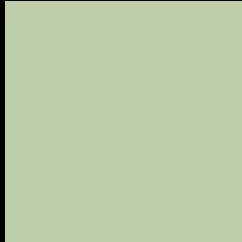
Large Text (above 18pt) WCAG AA × Fail

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, 206, 186 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

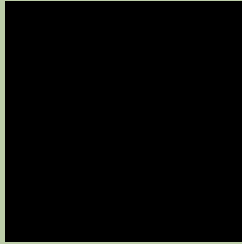
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

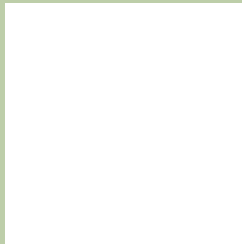
Any Text WCAG AAA ✓ Pass

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

RYB 169, 206, 186 Background



This preview shows how black text looks on a background with the RYB color 169, 206, 186.

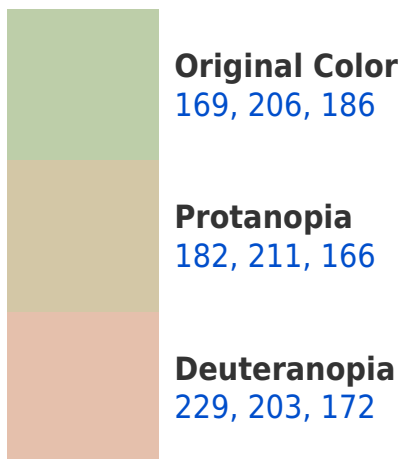


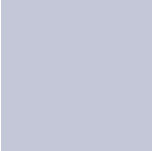
This preview shows how white text looks on a background with the RYB color 169, 206, 186.

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](#).

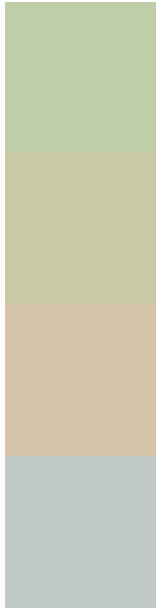
Dichromacy





Tritanopia
196, 199, 215

Trichromacy



Original Color
169, 206, 186

Protanomaly
168, 203, 167

Deuteranomaly
199, 214, 171

Tritanomaly
193, 199, 202

Monochromacy



Original Color
169, 206, 186

Achromatopsia
197, 197, 197

Achromatomaly
187, 200, 193

CSS Examples

Text

The CSS property to change the color of the text to RYB 169, 206, 186 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(189, 206, 169)` looks like.

```
.text, #text, p{  
    color:rgb(189, 206, 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(189, 206, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 206, 169) }
```

Border

The CSS property to change the border of an element to RYB 169, 206, 186 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(189, 206, 169) }
```

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

```
.border{ border-color:rgb(189, 206, 169) }
```

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

Here you see how a box with a 4 pixel rgb(189, 206, 169) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 206, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 206, 169);  
box-shadow:4px 4px 4px 4px rgb(189, 206,  
169) }
```

Background

The CSS property to change the background color of an element to RYB 169, 206, 186 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 206, 169) }
```

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

```
.background{ background-color: rgb(189,  
206, 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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