

Converting Colors

`RYB(165, 191, 169)`

Have a look what the booklet for
RYB(165, 191, 169) contains.

RYB(165, 191, 169)	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(165, 191, 169)

Conversions

Conversions Part 1

Format	Color
Hex	BBBFA5
RGB	187, 191, 165
RGB Percent	73%, 75%, 65%
CMY	0.2667, 0.2510, 0.3529
CMYK	0.02, 0.00, 0.14, 0.25
HSL	69°, 17%, 70%
HSV	69°, 14%, 75%
XYZ	45.9158, 50.5430, 42.9331
YIQ	186.8400, 5.9620, -8.9340

Conversions

Conversions Part 2

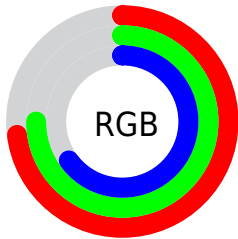
Format	Color
RYB	165, 191, 169
Decimal	12304293
CIELab	76.40, -5.96, 12.65
CIELCh	76, 13.987, 115.212
Yxy	50.5430, 0.3294, 0.3626
Android (android.graphics.Color)	4290494373 (0xFFBBBFA5)
YUV	186.8400, -10.7671, 0.1403
Hunter-Lab	71.0936, -9.1295, 13.9606

Details

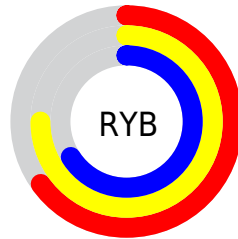
The RYB color **165, 191, 169** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **169, 165, 191**, and the grayscale version is **187, 187, 187**.

A 20% lighter version of the original color is **220, 247, 224**, and **113, 138, 117** is the 20% darker color. If you saturate the color by 10%, you get **146, 191, 153**, and if you desaturate by 10%, it is **184, 191, 185**.

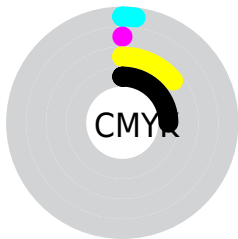
Distribution



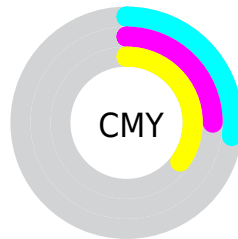
- Red (73%)
- Green (75%)
- Blue (65%)



- Red (65%)
- Yellow (75%)
- Blue (66%)



- Cyan (2%)
- Magenta (0%)
- Yellow (14%)
- Black (25%)



- Cyan (27%)
- Magenta (25%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the RYB color 165, 191, 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 165, 191, 169 by changing the saturation by 10% instead.

 165, 191, 169

255, 255, 255


 220, 247, 224

 249, 255, 249

 165, 191, 169

 139, 164, 143

 113, 138, 117

 89, 112, 93

 65, 88, 69

 43, 65, 47

 22, 43, 26

 0, 22, 4


 0, 0, 0


 165, 191, 169

 165, 191, 169

 146, 191, 153


 184, 191, 185

 127, 191, 137


 193, 191, 203


 108, 191, 121

 196, 191, 222

 89, 191, 105


 199, 191, 241

 70, 191, 89

 202, 191, 255


 50, 191, 72


 205, 191, 255

 31, 191, 56

 208, 191, 255

 12, 191, 40

 211, 191, 255

 0, 191, 29

 213, 191, 255

Harmonies

Analogous

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



185, 201, 163



165, 191, 169



172, 193, 194

Triad

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



165, 191, 169



160, 180, 209



213, 180, 191

Complementary

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



165, 191, 169



169, 165, 191

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.



204, 182, 203



165, 191, 169



172, 185, 214

Square

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



165, 191, 169



155, 176, 199



188, 186, 212



216, 180, 178

Rectangle

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



165, 191, 169



164, 185, 196



188, 186, 212



211, 180, 195

Sweetspot

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



165, 191, 169



237, 247, 238



191, 170, 165



119, 125, 120



252, 252, 252



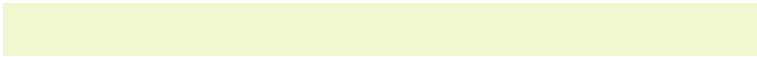
125, 125, 125

Same Dimension

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



165, 191, 169



208, 247, 214



165, 191, 182



85, 94, 86



0, 158, 24



0, 31, 5

Inverse Universe

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



169, 165, 191



214, 208, 247



182, 165, 191



86, 85, 94



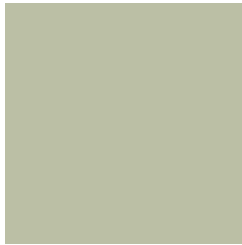
24, 0, 158



5, 0, 31

Previews

White Background



This preview shows how the RYB color 165, 191, 169 looks on a white background.

Color Contrast Check

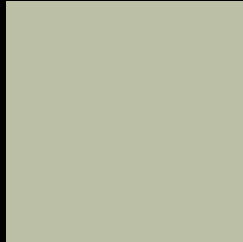
Large Text (above 18pt) WCAG AA × Fail

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 165, 191, 169 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

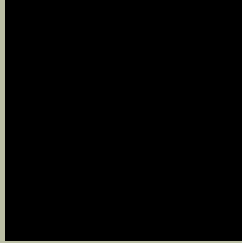
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

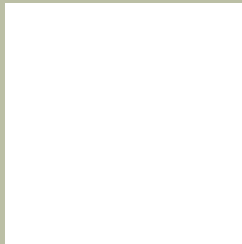
Any Text WCAG AAA ✓ Pass

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

R Y B 165, 191, 169 Background



This preview shows how black text looks on a background with the RYB color 165, 191, 169.



This preview shows how white text looks on a background with the RYB color 165, 191, 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



Original Color
165, 191, 169

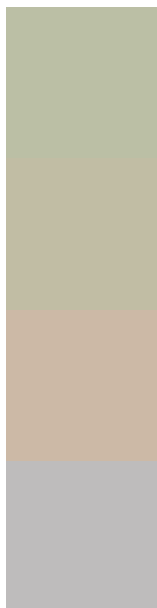
Protanopia
175, 197, 163

Deuteranopia
214, 187, 167



Tritanopia
192, 186, 201

Trichromacy



Original Color

165, 191, 169

Protanomaly

169, 193, 164

Deuteranomaly

204, 204, 166

Tritanomaly

190, 188, 188

Monochromacy



Original Color

165, 191, 169

Achromatopsia

187, 187, 187

Achromatomaly

179, 188, 180

CSS Examples

Text

The CSS property to change the color of the text to RYB 165, 191, 169 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(187, 191, 165)` looks like.

```
.text, #text, p{  
    color:rgb(187, 191, 165)  
}
```

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(187, 191, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 191, 165) }
```

Border

The CSS property to change the border of an element to RYB 165, 191, 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(187, 191, 165) }
```

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

```
.border{ border-color:rgb(187, 191, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 191, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 191, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 191, 165);  
box-shadow:4px 4px 4px 4px rgb(187, 191,  
165) }
```

Background

The CSS property to change the background color of an element to RYB 165, 191, 169 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 191, 165) }
```

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

```
.background{ background-color: rgb(187,  
191, 165) }
```

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