

Converting Colors

`RYB(179, 199, 165)`

Have a look what the booklet for
RYB(179, 199, 165) contains.

RYB(179, 199, 165)	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(179, 199, 165)

Conversions

Conversions Part 1

Format	Color
Hex	C7BDA5
RGB	199, 189, 165
RGB Percent	78%, 74%, 65%
CMY	0.2196, 0.2585, 0.3529
CMYK	0.00, 0.05, 0.17, 0.22
HSL	43°, 23%, 71%
HSV	43°, 17%, 78%
XYZ	48.5602, 51.2898, 42.9378
YIQ	189.2540, 13.6640, -5.3440

Conversions

Conversions Part 2

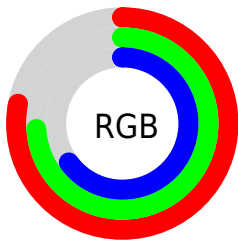
Format	Color
RYB	179, 199, 165
Decimal	13090213
CIELab	76.85, -0.52, 13.43
CIElCh	77, 13.440, 92.210
Yxy	51.2898, 0.3401, 0.3592
Android (android.graphics.Color)	4291280293 (0xFFC7BDA5)
YUV	189.2540, -11.9572, 8.5472
Hunter-Lab	71.6169, -4.2966, 14.5846

Details

The RYB color **179, 199, 165** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **165, 173, 199**, and the grayscale version is **189, 189, 189**.

A 20% lighter version of the original color is **234, 255, 220**, and **126, 145, 113** is the 20% darker color. If you saturate the color by 10%, you get **168, 199, 145**, and if you desaturate by 10%, it is **191, 199, 185**.

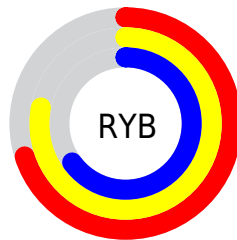
Distribution



Red (78%)

Green (74%)

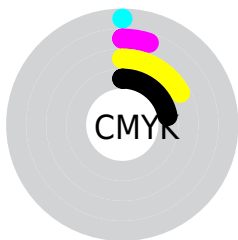
Blue (65%)



Red (70%)

Yellow (78%)

Blue (65%)

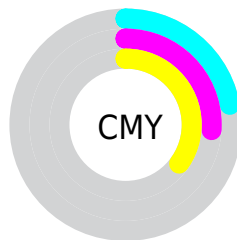


Cyan (0%)

Magenta (5%)

Yellow (17%)

Black (22%)



Cyan (22%)

Magenta (26%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the RYB color 179, 199, 165 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 179, 199, 165 by changing the saturation by 10% instead.

■ 179, 199, 165

255, 255, 255

■ 234, 255, 220

■ 249, 255, 249

■ 179, 199, 165

■ 153, 172, 139

■ 126, 145, 113

■ 100, 119, 89

■ 76, 94, 65

■ 52, 70, 43

■ 30, 47, 22


■ 9, 28, 0


■ 0, 0, 0

■ 179, 199, 165

■ 179, 199, 165

 168, 199, 145


 191, 199, 185

 156, 199, 125


 199, 201, 205

 143, 199, 105


 199, 205, 225

 131, 199, 85

 199, 209, 245

 121, 199, 66


 199, 213, 255

 110, 199, 46

 199, 216, 255

 98, 199, 26

 199, 219, 255

 85, 199, 6

 199, 221, 255

 82, 199, 0

 199, 223, 255

Harmonies

Analogous

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



210, 197, 168



179, 199, 165



169, 193, 177

Triad

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



179, 199, 165



158, 179, 202



207, 183, 202

Complementary

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



179, 199, 165



165, 173, 199

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.



193, 186, 211



179, 199, 165



164, 182, 211

Square

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



179, 199, 165



161, 181, 197



178, 187, 214



215, 181, 189

Rectangle

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



179, 199, 165



174, 195, 194



178, 187, 214



203, 184, 205

Sweetspot

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



179, 199, 165



248, 255, 242



199, 165, 175



125, 128, 120



0, 0, 0



128, 128, 128

Same Dimension

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



179, 199, 165



224, 255, 201



165, 199, 172



93, 99, 90



66, 163, 0



16, 36, 0

Inverse Universe

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



165, 173, 199



201, 213, 255



172, 165, 199



90, 92, 99



0, 37, 163



0, 8, 36

Previews

White Background



This preview shows how the RYB color 179, 199, 165 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 179, 199, 165 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

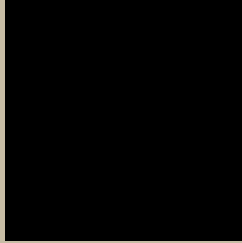
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

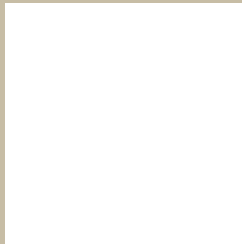
Any Text WCAG AAA ✓ Pass

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

RYB 179, 199, 165 Background



This preview shows how black text looks on a background with the RYB color 179, 199, 165.



This preview shows how white text looks on a background with the RYB color 179, 199, 165.

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


179, 199, 165

Protanopia

179, 199, 165

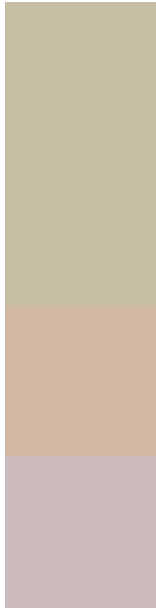
Deuteranopia

216, 192, 166



Tritanopia
203, 184, 199

Trichromacy



Original Color

179, 199, 165

Protanomaly

179, 199, 165

Deuteranomaly

210, 199, 166

Tritanomaly

202, 186, 187

Monochromacy



Original Color

179, 199, 165

Achromatopsia

189, 189, 189

Achromatomaly

186, 193, 180

CSS Examples

Text

The CSS property to change the color of the text to RYB 179, 199, 165 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(199, 189, 165) looks like.

```
.text, #text, p{  
    color:rgb(199, 189, 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(199, 189, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 189, 165) }
```

Border

The CSS property to change the border of an element to RYB 179, 199, 165 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(199, 189, 165) }
```

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

```
.border{ border-color:rgb(199, 189, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 189, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 189, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 189, 165);  
box-shadow:4px 4px 4px 4px rgb(199, 189,  
165) }
```

Background

The CSS property to change the background color of an element to RYB 179, 199, 165 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 189, 165) }
```

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

```
.background{ background-color: rgb(199,  
189, 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