

Converting Colors

`RYB(182, 203, 168)`

Have a look what the booklet for
RYB(182, 203, 168) contains.

RYB(182, 203, 168)	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(182, 203, 168)

Conversions

Conversions Part 1

Format	Color
Hex	CBC1A8
RGB	203, 193, 168
RGB Percent	80%, 76%, 66%
CMY	0.2039, 0.2431, 0.3412
CMYK	0.00, 0.05, 0.17, 0.20
HSL	43°, 25%, 73%
HSV	43°, 17%, 80%
XYZ	50.7664, 53.6636, 44.7282
YIQ	193.1400, 13.9850, -5.6550

Conversions

Conversions Part 2

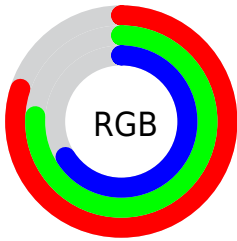
Format	Color
RYB	182, 203, 168
Decimal	13353384
CIELab	78.27, -0.64, 13.85
CIELCh	78, 13.866, 92.629
Yxy	53.6636, 0.3404, 0.3598
Android (android.graphics.Color)	4291543464 (0xFFCBC1A8)
YUV	193.1400, -12.3940, 8.6472
Hunter-Lab	73.2554, -4.4955, 15.0776

Details

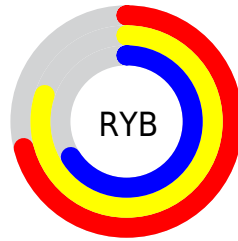
The RYB color **182, 203, 168** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **168, 176, 203**, and the grayscale version is **193, 193, 193**.

A 20% lighter version of the original color is **230, 255, 223**, and **128, 149, 116** is the 20% darker color. If you saturate the color by 10%, you get **171, 203, 148**, and if you desaturate by 10%, it is **193, 203, 188**.

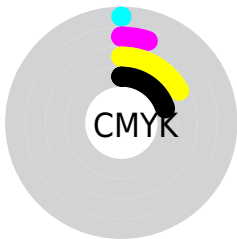
Distribution



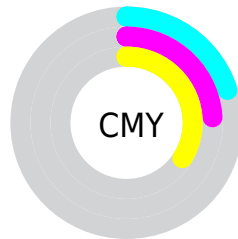
- Red (80%)
- Green (76%)
- Blue (66%)



- Red (71%)
- Yellow (80%)
- Blue (66%)



- Cyan (0%)
- Magenta (5%)
- Yellow (17%)
- Black (20%)



- Cyan (20%)
- Magenta (24%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the RYB color 182, 203, 168 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 182, 203, 168 by changing the saturation by 10% instead.

■ 182, 203, 168

255, 255, 255

■ 230, 255, 223

■ 252, 255, 252

■ 182, 203, 168

■ 154, 175, 142

■ 128, 149, 116

■ 104, 123, 91

■ 79, 98, 68

■ 54, 73, 45

■ 32, 50, 24

■ 9, 31, 0

■ 0, 0, 0

■ 182, 203, 168

■ 182, 203, 168

■ 171, 203, 148

■ 193, 203, 188

■ 158, 203, 127

■ 203, 205, 209

■ 145, 203, 107

■ 203, 209, 229

■ 133, 203, 87

■ 203, 213, 249

■ 122, 203, 67

■ 203, 217, 255

■ 109, 203, 46

■ 203, 220, 255

■ 98, 203, 26

■ 203, 222, 255

■ 84, 203, 6

■ 203, 224, 255

■ 81, 203, 0

■ 203, 226, 255

Harmonies

Analogous

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



215, 201, 171



182, 203, 168



172, 197, 181

Triad

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



182, 203, 168



161, 182, 207



212, 186, 206

Complementary

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



182, 203, 168



168, 176, 203

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.



198, 190, 215



182, 203, 168



167, 186, 216

Square

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



182, 203, 168



164, 184, 201



181, 191, 219



220, 185, 193

Rectangle

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



182, 203, 168



178, 199, 198



181, 191, 219



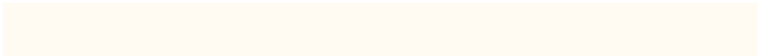
207, 187, 209

Sweetspot

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



182, 203, 168



248, 255, 242



203, 168, 179



125, 128, 120



0, 0, 0



128, 128, 128

Same Dimension

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



182, 203, 168



222, 255, 201



168, 203, 175



96, 102, 92



68, 166, 0



15, 38, 0

Inverse Universe

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



168, 176, 203



201, 213, 255



175, 168, 203



92, 94, 102



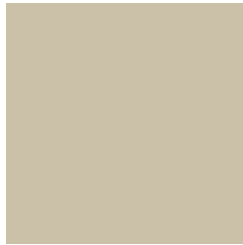
0, 37, 166



0, 9, 38

Previews

White Background



This preview shows how the RYB color 182, 203, 168 looks on a white background.

Color Contrast Check

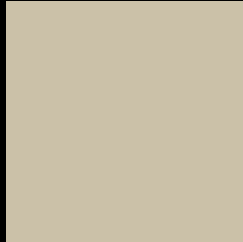
Large Text (above 18pt) WCAG AA × Fail

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 182, 203, 168 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

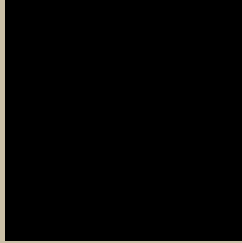
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

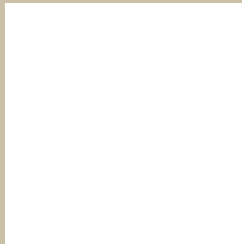
Any Text WCAG AAA ✓ Pass

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

RYB 182, 203, 168 Background



This preview shows how black text looks on a background with the RYB color 182, 203, 168.



This preview shows how white text looks on a background with the RYB color 182, 203, 168.

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
182, 203, 168

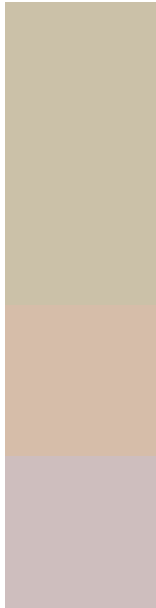
Protanopia
182, 203, 168

Deuteranopia
221, 194, 169



Tritanopia
208, 188, 203

Trichromacy



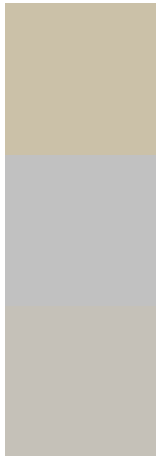
Original Color
182, 203, 168

Protanomaly
182, 203, 168

Deuteranomaly
214, 205, 169

Tritanomaly
206, 190, 190

Monochromacy



Original Color
182, 203, 168

Achromatopsia
193, 193, 193

Achromatomaly
190, 197, 184

CSS Examples

Text

The CSS property to change the color of the text to RYB 182, 203, 168 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(203, 193, 168) looks like.

```
.text, #text, p{  
    color:rgb(203, 193, 168)  
}
```

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(203, 193, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 193, 168) }
```

Border

The CSS property to change the border of an element to RYB 182, 203, 168 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(203, 193, 168) }
```

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

```
.border{ border-color:rgb(203, 193, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 193, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(203, 193, 168); -webkit-box-shadow:4px 4px 4px 4px rgb(203, 193, 168); box-shadow:4px 4px 4px 4px rgb(203, 193, 168) }
```

Background

The CSS property to change the background color of an element to RYB 182, 203, 168 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 193, 168) }
```

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

```
.background{ background-color: rgb(203,  
193, 168) }
```

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