

Converting Colors

`RYB(190, 218, 204)`

Have a look what the booklet for
RYB(190, 218, 204) contains.

RYB(190, 218, 204)	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(190, 218, 204)

Conversions

Conversions Part 1

Format	Color
Hex	CCDABE
RGB	204, 218, 190
RGB Percent	80%, 85%, 75%
CMY	0.2000, 0.1451, 0.2549
CMYK	0.06, 0.00, 0.13, 0.15
HSL	90°, 27%, 80%
HSV	90°, 13%, 85%
XYZ	59.2675, 66.6979, 58.4654
YIQ	210.6220, 0.6440, -11.6760

Conversions

Conversions Part 2

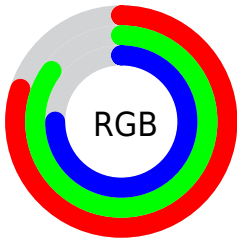
Format	Color
RYB	190, 218, 204
Decimal	13425342
CIELab	85.35, -9.69, 12.18
CIELCh	85, 15.570, 128.502
Yxy	66.6979, 0.3214, 0.3616
Android (android.graphics.Color)	4291615422 (0xFFCCDABE)
YUV	210.6220, -10.1666, -5.8075
Hunter-Lab	81.6688, -13.3819, 14.7233

Details

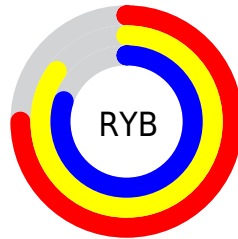
The RYB color **190, 218, 204** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **204, 190, 218**, and the grayscale version is **211, 211, 211**.

A 20% lighter version of the original color is **246, 255, 246**, and **137, 163, 150** is the 20% darker color. If you saturate the color by 10%, you get **168, 218, 193**, and if you desaturate by 10%, it is **212, 218, 215**.

Distribution



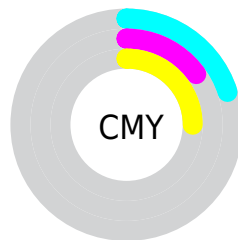
- Red (80%)
- Green (85%)
- Blue (75%)



- Red (75%)
- Yellow (85%)
- Blue (80%)



- Cyan (6%)
- Magenta (0%)
- Yellow (13%)
- Black (15%)



- Cyan (20%)
- Magenta (15%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the RYB color 190, 218, 204 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 190, 218, 204 by changing the saturation by 10% instead.

■ 190, 218, 204

255, 255, 255

■ 246, 255, 246

■ 190, 218, 204

■ 163, 190, 176

■ 137, 163, 150

■ 111, 137, 124

■ 87, 111, 99

■ 63, 87, 75

■ 41, 64, 53

■ 21, 42, 33

■ 0, 22, 17

■ 0, 0, 0

 190, 218, 204

 190, 218, 204

 168, 218, 193

 212, 218, 215

 146, 218, 182

 226, 218, 234

 125, 218, 172

 237, 218, 255

 103, 218, 161

 248, 218, 255

 81, 218, 149

 255, 218, 255

 59, 218, 138

 37, 218, 127

 16, 218, 117

 0, 218, 109

Harmonies

Analogous

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



193, 221, 184



190, 218, 204



188, 211, 221

Triad

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



190, 218, 204



186, 206, 240



244, 203, 209

Complementary

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



190, 218, 204



204, 190, 218

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.



236, 204, 224



190, 218, 204



203, 211, 242

Square

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



190, 218, 204



176, 201, 231



221, 208, 236



244, 207, 196

Rectangle

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



190, 218, 204



180, 204, 222



221, 208, 236



242, 203, 215

Sweetspot

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



190, 218, 204



245, 255, 250



218, 218, 190



121, 128, 125



0, 0, 0



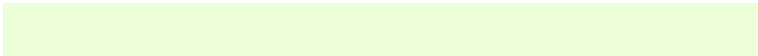
128, 128, 128

Same Dimension

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



190, 218, 204



217, 255, 236



190, 218, 218



99, 110, 105



0, 173, 86



0, 46, 23

Inverse Universe

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



204, 190, 218



236, 217, 255



218, 190, 218



104, 99, 110



87, 0, 173



23, 0, 46

Previews

White Background



This preview shows how the RYB color 190, 218, 204 looks on a white background.

Color Contrast Check

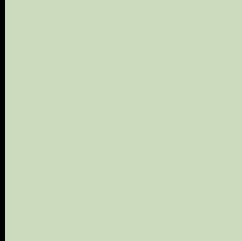
Large Text (above 18pt) WCAG AA × Fail

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 190, 218, 204 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

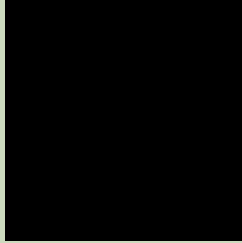
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

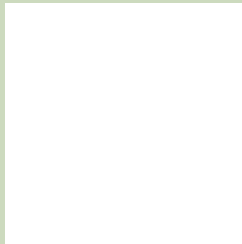
Any Text WCAG AAA ✓ Pass

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

RYB 190, 218, 204 Background



This preview shows how black text looks on a background with the RYB color 190, 218, 204.



This preview shows how white text looks on a background with the RYB color 190, 218, 204.

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](#).

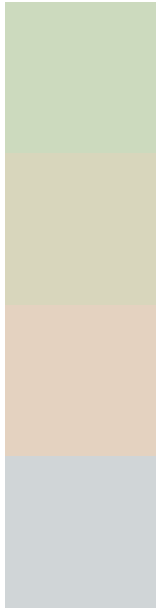
Dichromacy





Tritanopia
210, 212, 229

Trichromacy



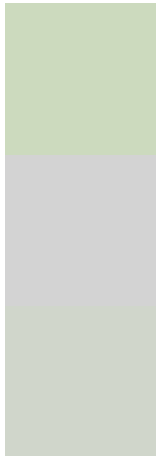
Original Color
190, 218, 204

Protanomaly
190, 216, 188

Deuteranomaly
228, 228, 192

Tritanomaly
208, 211, 215

Monochromacy



Original Color
190, 218, 204

Achromatopsia
211, 211, 211

Achromatomaly
203, 214, 209

CSS Examples

Text

The CSS property to change the color of the text to RYB 190, 218, 204 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(204, 218, 190)` looks like.

```
.text, #text, p{  
    color:rgb(204, 218, 190)  
}
```

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(204, 218, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 218, 190) }
```

Border

The CSS property to change the border of an element to RYB 190, 218, 204 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(204, 218, 190) }
```

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

```
.border{ border-color:rgb(204, 218, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 218, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 218, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 218, 190);  
box-shadow:4px 4px 4px 4px rgb(204, 218,  
190) }
```

Background

The CSS property to change the background color of an element to RYB 190, 218, 204 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 218, 190) }
```

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

```
.background{ background-color: rgb(204,  
218, 190) }
```

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