

Converting Colors

`RYB(190, 207, 179)`

Have a look what the booklet for
RYB(190, 207, 179) contains.

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Color

R_YB(190, 207, 179)

Conversions

Conversions Part 1

Format	Color
Hex	CFC7B3
RGB	207, 199, 179
RGB Percent	81%, 78%, 70%
CMY	0.1882, 0.2192, 0.2980
CMYK	0.00, 0.04, 0.14, 0.19
HSL	43°, 23%, 76%
HSV	43°, 14%, 81%
XYZ	54.3158, 57.4141, 50.8671
YIQ	199.1120, 11.1880, -4.5240

Conversions

Conversions Part 2

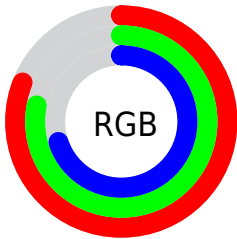
Format	Color
RYB	190, 207, 179
Decimal	13617075
CIELab	80.41, -0.65, 11.04
CIELCh	80, 11.059, 93.355
Yxy	57.4141, 0.3341, 0.3531
Android (android.graphics.Color)	4291807155 (0xFFCFC7B3)
YUV	199.1120, -9.9152, 6.9178
Hunter-Lab	75.7721, -4.6468, 13.2381

Details

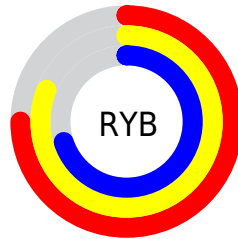
The RYB color **190, 207, 179** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **179, 185, 207**, and the grayscale version is **199, 199, 199**.

A 20% lighter version of the original color is **235, 255, 235**, and **137, 153, 126** is the 20% darker color. If you saturate the color by 10%, you get **178, 207, 158**, and if you desaturate by 10%, it is **203, 207, 200**.

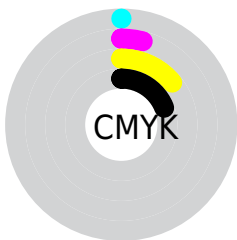
Distribution



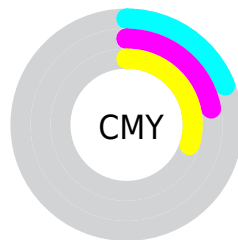
- Red (81%)
- Green (78%)
- Blue (70%)



- Red (75%)
- Yellow (81%)
- Blue (70%)



- Cyan (0%)
- Magenta (4%)
- Yellow (14%)
- Black (19%)



- Cyan (19%)
- Magenta (22%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the RYB color 190, 207, 179 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, 207, 179 by changing the saturation by 10% instead.


 190, 207, 179

255, 255, 255

 235, 255, 235

 190, 207, 179

 161, 179, 152

 137, 153, 126

 111, 127, 101

 85, 101, 77

 62, 77, 54

 40, 54, 33

 17, 33, 11

 0, 2, 1

 0, 0, 0

■ 190, 207, 179

■ 190, 207, 179

■ 178, 207, 158

■ 203, 207, 200

■ 166, 207, 138

■ 207, 210, 220

■ 152, 207, 117

■ 207, 215, 241

■ 139, 207, 96

■ 207, 218, 255

■ 126, 207, 75

■ 207, 222, 255

■ 115, 207, 55

■ 207, 224, 255

■ 102, 207, 34

■ 207, 227, 255

■ 90, 207, 13

■ 207, 229, 255

■ 81, 207, 0

■ 207, 230, 255

Harmonies

Analogous

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



217, 207, 181



190, 207, 179



182, 202, 189

Triad

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



190, 207, 179



174, 191, 210



214, 194, 209

Complementary

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



190, 207, 179



179, 185, 207

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.



203, 197, 217



190, 207, 179



179, 194, 218

Square

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



190, 207, 179



176, 193, 206



190, 198, 220



221, 193, 199

Rectangle

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



190, 207, 179



187, 204, 204



190, 198, 220



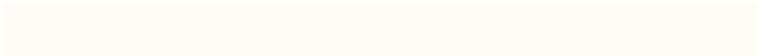
211, 195, 212

Sweetspot

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



190, 207, 179



249, 255, 245



207, 179, 187



124, 128, 121



0, 0, 0



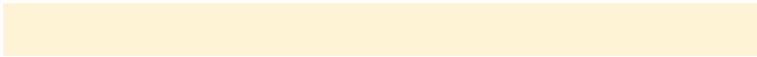
128, 128, 128

Same Dimension

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



190, 207, 179



231, 255, 214



179, 207, 185



98, 105, 94



65, 168, 0



17, 41, 0

Inverse Universe

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



179, 185, 207



214, 223, 255



185, 179, 207



94, 96, 105



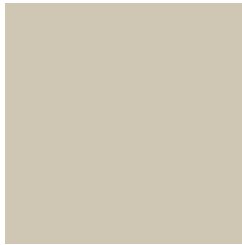
0, 37, 168



0, 9, 41

Previews

White Background



This preview shows how the RYB color 190, 207, 179 looks on a white background.

Color Contrast Check

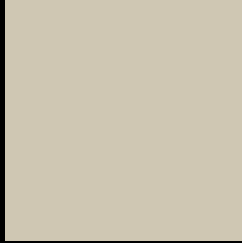
Large Text (above 18pt) WCAG AA × Fail

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, 207, 179 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

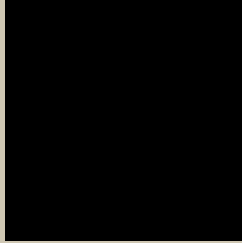
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

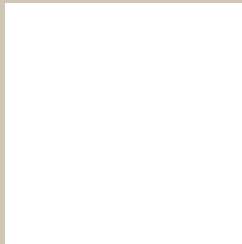
Any Text WCAG AAA ✓ Pass

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

RYB 190, 207, 179 Background



This preview shows how black text looks on a background with the RYB color 190, 207, 179.

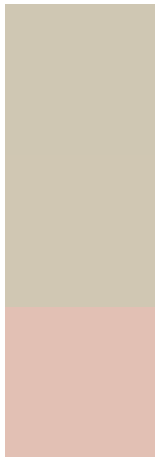


This preview shows how white text looks on a background with the RYB color 190, 207, 179.

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
190, 207, 179

Protanopia
192, 208, 179

Deuteranopia
226, 196, 180



Tritanopia
211, 195, 210

Trichromacy



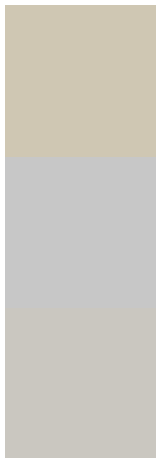
Original Color
190, 207, 179

Protanomaly
192, 208, 179

Deuteranomaly
219, 204, 180

Tritanomaly
210, 196, 199

Monochromacy



Original Color
190, 207, 179

Achromatopsia
199, 199, 199

Achromatomaly
196, 202, 192

CSS Examples

Text

The CSS property to change the color of the text to RYB 190, 207, 179 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(207, 199, 179)` looks like.

```
.text, #text, p{  
    color:rgb(207, 199, 179)  
}
```

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(207, 199, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 199, 179) }
```

Border

The CSS property to change the border of an element to RYB 190, 207, 179 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(207, 199, 179) }
```

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

```
.border{ border-color:rgb(207, 199, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 199, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 199, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 199, 179);  
box-shadow:4px 4px 4px 4px rgb(207, 199,  
179) }
```

Background

The CSS property to change the background color of an element to RYB 190, 207, 179 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 199, 179) }
```

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

```
.background{ background-color: rgb(207,  
199, 179) }
```

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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