

Converting Colors

RGB(193, 210, 173)

Have a look what the booklet for
RGB(193, 210, 173) contains.

RGB(193, 210, 173)	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

RGB(193, 210, 173)

Conversions

Conversions Part 1

Format	Color
Hex	C1D2AD
RGB	193, 210, 173
RGB Percent	76%, 82%, 68%
CMY	0.2431, 0.1765, 0.3216
CMYK	0.08, 0.00, 0.18, 0.18
HSL	88°, 29%, 75%
HSV	88°, 18%, 82%
XYZ	52.5817, 60.4478, 48.4314
YIQ	200.6990, 1.7450, -15.1110

Conversions

Conversions Part 2

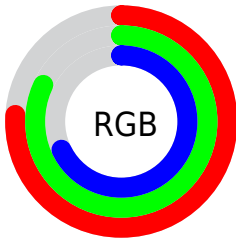
Format	Color
RYB	173, 210, 190
Decimal	12702381
CIELab	82.08, -12.30, 16.44
CIElCh	82, 20.531, 126.821
Yxy	60.4478, 0.3257, 0.3744
Android (android.graphics.Color)	4290892461 (0xFFC1D2AD)
YUV	200.6990, -13.6556, -6.7520
Hunter-Lab	77.7482, -15.3382, 17.4904

Details

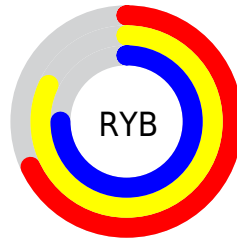
The RGB color **193, 210, 173** is a light color, and the websafe version is hex **C9C999**. A complement of this color would be **190, 173, 210**, and the grayscale version is **201, 201, 201**.

A 20% lighter version of the original color is **250, 255, 229**, and **139, 156, 121** is the 20% darker color. If you saturate the color by 10%, you get **183, 210, 152**, and if you desaturate by 10%, it is **203, 210, 194**.

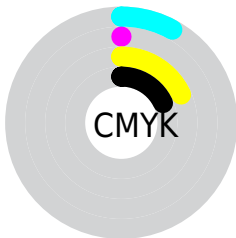
Distribution



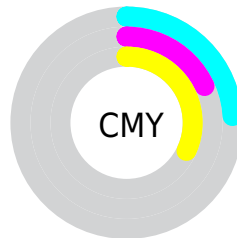
- Red (76%)
- Green (82%)
- Blue (68%)



- Red (68%)
- Yellow (82%)
- Blue (75%)



- Cyan (8%)
- Magenta (0%)
- Yellow (18%)
- Black (18%)



- Cyan (24%)
- Magenta (18%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the RGB color 193, 210, 173 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 RGB color 193, 210, 173 by changing the saturation by 10% instead.

 193, 210, 173


255, 255, 255

 250, 255, 229

 193, 210, 173


 166, 182, 146

 139, 156, 121

 114, 129, 96

 89, 104, 72

 65, 80, 49

 43, 57, 28

 23, 36, 3

 0, 14, 0

 0, 0, 0

 193, 210, 173

 193, 210, 173

 183, 210, 152

 203, 210, 194

 174, 210, 131


 212, 210, 215

 164, 210, 110

 222, 210, 236

 154, 210, 89

 232, 210, 255

 145, 210, 68

 241, 210, 255

 135, 210, 47

 251, 210, 255

 125, 210, 26

 255, 210, 255

 116, 210, 5

 114, 210, 0

Harmonies

Analogous

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



215, 204, 166



193, 210, 173



172, 214, 188

Triad

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



193, 210, 173



165, 210, 239



244, 191, 200

Complementary

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



193, 210, 173



190, 173, 210

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.



233, 193, 220



193, 210, 173



188, 204, 242

Square

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



193, 210, 173



153, 214, 226



213, 198, 235



243, 193, 182

Rectangle

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



193, 210, 173



160, 215, 201



213, 198, 235



241, 191, 207

Sweetspot

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



193, 210, 173



249, 255, 242



210, 190, 173



124, 128, 120



0, 0, 0



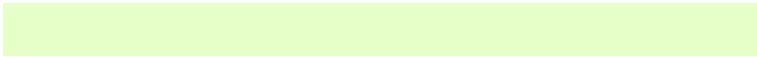
128, 128, 128

Same Dimension

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



193, 210, 173



230, 255, 201



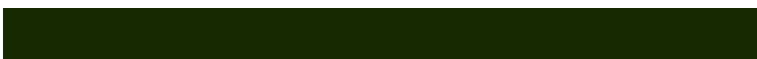
175, 210, 173



100, 105, 94



91, 168, 0



22, 41, 0

Inverse Universe

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



190, 173, 210



226, 201, 255



208, 173, 210



99, 94, 105



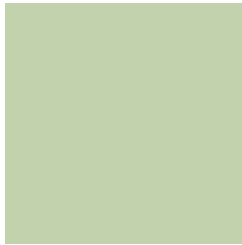
77, 0, 168



19, 0, 41

Previews

White Background



This preview shows how the RGB color 193, 210, 173 looks on a white background.

Color Contrast Check

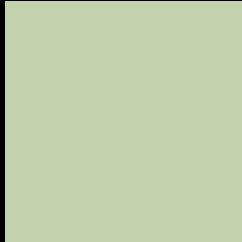
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 193, 210, 173 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

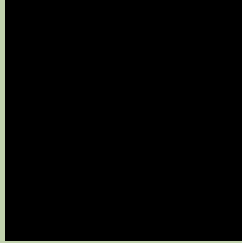
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

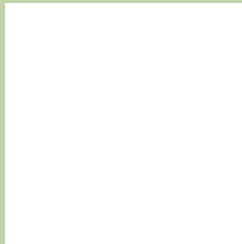
Any Text WCAG AAA ✓ Pass

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

RGB 193, 210, 173 Background



This preview shows how black text looks on a background with the RGB color 193, 210, 173.

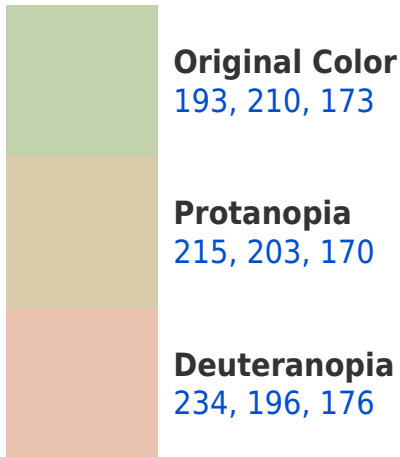


This preview shows how white text looks on a background with the RGB color 193, 210, 173.

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](#).

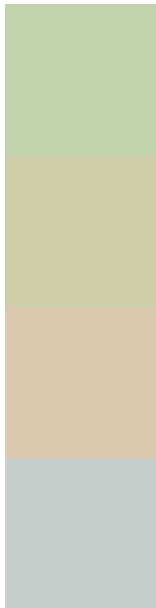
Dichromacy





Tritanopia
200, 204, 220

Trichromacy



Original Color
193, 210, 173

Protanomaly
207, 206, 171

Deuteranomaly
219, 201, 175

Tritanomaly
197, 206, 203

Monochromacy



Original Color
193, 210, 173

Achromatopsia
201, 201, 201

Achromatomaly
198, 204, 191

CSS Examples

Text

The CSS property to change the color of the text to RGB 193, 210, 173 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(193, 210, 173)` looks like.

```
.text, #text, p{  
    color:rgb(193, 210, 173)  
}
```

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(193, 210, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 210, 173) }
```

Border

The CSS property to change the border of an element to RGB 193, 210, 173 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(193, 210, 173) }
```

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

```
.border{ border-color:rgb(193, 210, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 210, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 210, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 210, 173);  
box-shadow:4px 4px 4px 4px rgb(193, 210,  
173) }
```

Background

The CSS property to change the background color of an element to RGB 193, 210, 173 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 210, 173) }
```

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

```
.background{ background-color: rgb(193,  
210, 173) }
```

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