

Converting Colors

RGB(202, 220, 202)

Have a look what the booklet for
RGB(202, 220, 202) contains.

RGB(202, 220, 202)	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(202, 220, 202)

Conversions

Conversions Part 1

Format	Color
Hex	CADCCA
RGB	202, 220, 202
RGB Percent	79%, 86%, 79%
CMY	0.2078, 0.1373, 0.2078
CMYK	0.08, 0.00, 0.08, 0.14
HSL	120°, 20%, 83%
HSV	120°, 8%, 86%
XYZ	60.6110, 68.0072, 65.8093
YIQ	212.5660, -4.9500, -9.4140

Conversions

Conversions Part 2

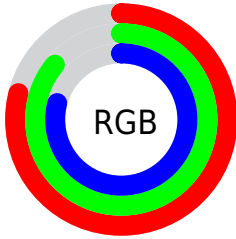
Format	Color
RYB	202, 220, 220
Decimal	13294794
CIELab	86.01, -9.33, 6.78
CIELCh	86, 11.534, 143.988
Yxy	68.0072, 0.3117, 0.3498
Android (android.graphics.Color)	4291484874 (0xFFCADCCA)
YUV	212.5660, -5.2090, -9.2664
Hunter-Lab	82.4665, -13.1229, 10.4124

Details

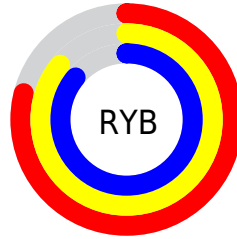
The RGB color **202, 220, 202** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **220, 202, 220**, and the grayscale version is **213, 213, 213**.

A 20% lighter version of the original color is 255, 255, 255, and **148, 165, 148** is the 20% darker color. If you saturate the color by 10%, you get **180, 220, 180**, and if you desaturate by 10%, it is **224, 220, 224**.

Distribution



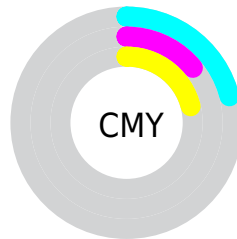
- Red (79%)
- Green (86%)
- Blue (79%)



- Red (79%)
- Yellow (86%)
- Blue (86%)



- Cyan (8%)
- Magenta (0%)
- Yellow (8%)
- Black (14%)



- Cyan (21%)
- Magenta (14%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the RGB color 202, 220, 202 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 202, 220, 202 by changing the saturation by 10% instead.

■ 202, 220, 202

255, 255, 255

■ 202, 220, 202

■ 175, 192, 175

■ 148, 165, 148

■ 122, 139, 122

■ 97, 113, 97

■ 73, 89, 74

■ 51, 65, 51

■ 29, 43, 30

■ 5, 23, 5

■ 0, 0, 0

 202, 220, 202

 202, 220, 202

 180, 220, 180

 224, 220, 224

 158, 220, 158

 246, 220, 246

 136, 220, 136

 255, 220, 255

 114, 220, 114

 92, 220, 92

 70, 220, 70

 48, 220, 48

 26, 220, 26

 4, 220, 4

Harmonies

Analogous

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



215, 217, 195



202, 220, 202



192, 222, 212

Triad

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



202, 220, 202



201, 217, 237



239, 208, 207

Complementary

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



202, 220, 202



220, 202, 220

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, 208, 218



202, 220, 202



215, 213, 235

Square

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



202, 220, 202



191, 220, 232



227, 210, 228



235, 210, 198

Rectangle

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



202, 220, 202



189, 222, 220



227, 210, 228



239, 208, 210

Sweetspot

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



202, 220, 202



250, 255, 250



220, 220, 202



125, 128, 125



0, 0, 0



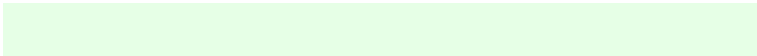
128, 128, 128

Same Dimension

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



202, 220, 202



230, 255, 230



202, 220, 211



99, 110, 99



0, 173, 0



0, 46, 0

Inverse Universe

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



220, 202, 220



255, 230, 255



220, 202, 211



110, 99, 110



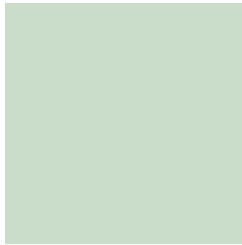
173, 0, 173



46, 0, 46

Previews

White Background



This preview shows how the RGB color 202, 220, 202 looks on a white background.

Color Contrast Check

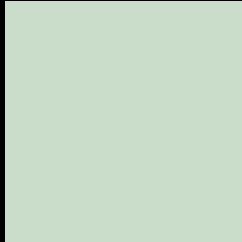
Large Text (above 18pt) WCAG AA × Fail

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 202, 220, 202 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

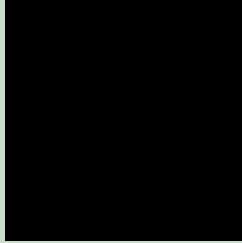
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

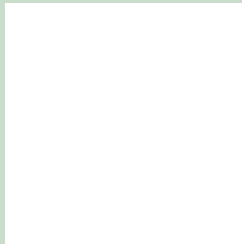
Any Text WCAG AAA ✓ Pass

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

RGB 202, 220, 202 Background



This preview shows how black text looks on a background with the RGB color 202, 220, 202.



This preview shows how white text looks on a background with the RGB color 202, 220, 202.

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
207, 215, 233

Trichromacy



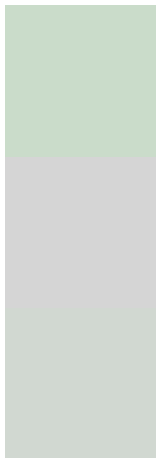
Original Color
202, 220, 202

Protanomaly
215, 216, 200

Deuteranomaly
226, 212, 204

Tritanomaly
205, 217, 222

Monochromacy



Original Color
202, 220, 202

Achromatopsia
213, 213, 213

Achromatomaly
209, 216, 209

CSS Examples

Text

The CSS property to change the color of the text to RGB 202, 220, 202 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(202, 220, 202)` looks like.

```
.text, #text, p{  
    color:rgb(202, 220, 202)  
}
```

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(202, 220, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 220, 202) }
```

Border

The CSS property to change the border of an element to RGB 202, 220, 202 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(202, 220, 202) }
```

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

```
.border{ border-color:rgb(202, 220, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 220, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 220, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 220, 202);  
box-shadow:4px 4px 4px 4px rgb(202, 220,  
202) }
```

Background

The CSS property to change the background color of an element to RGB 202, 220, 202 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 220, 202) }
```

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

```
.background{ background-color: rgb(202,  
220, 202) }
```

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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