

Converting Colors

`RYB(202, 212, 219)`

Have a look what the booklet for
RYB(202, 212, 219) contains.

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Color

R_YB(202, 212, 219)

Conversions

Conversions Part 1

Format	Color
Hex	CADBD6
RGB	202, 219, 214
RGB Percent	79%, 86%, 84%
CMY	0.2078, 0.1412, 0.1612
CMYK	0.08, 0.00, 0.02, 0.14
HSL	162°, 19%, 83%
HSV	162°, 8%, 86%
XYZ	61.8135, 68.0695, 73.4322
YIQ	213.3470, -8.5270, -5.1590

Conversions

Conversions Part 2

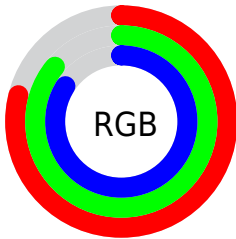
Format	Color
R _Y B	202, 212, 219
Decimal	13294550
CIE Lab	86.04, -6.64, 0.54
CIE LCh	86, 6.658, 175.324
Yxy	68.0695, 0.3040, 0.3348
Android (android.graphics.Color)	4291484630 (0xFFCADBD6)
YUV	213.3470, 0.3219, -9.9513
Hunter-Lab	82.5043, -10.6475, 4.9824

Details

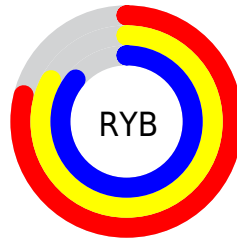
The RYB color **202, 212, 219** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **219, 202, 207**, and the grayscale version is **213, 213, 213**.

A 20% lighter version of the original color is **255, 255, 255**, and **148, 157, 164** is the 20% darker color. If you saturate the color by 10%, you get **180, 203, 219**, and if you desaturate by 10%, it is **224, 219, 220**.

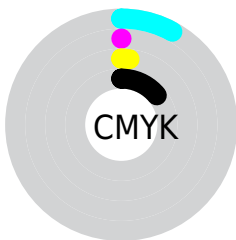
Distribution



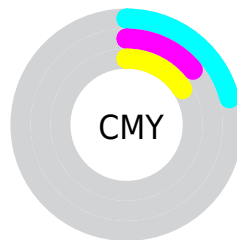
- Red (79%)
- Green (86%)
- Blue (84%)



- Red (79%)
- Yellow (83%)
- Blue (86%)



- Cyan (8%)
- Magenta (0%)
- Yellow (2%)
- Black (14%)



- Cyan (21%)
- Magenta (14%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the RYB color 202, 212, 219 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 202, 212, 219 by changing the saturation by 10% instead.

■ 202, 212, 219

255, 255, 255

■ 202, 212, 219

■ 175, 184, 191

■ 148, 157, 164

■ 122, 131, 138

■ 97, 106, 112

■ 73, 82, 88

■ 51, 59, 65

■ 29, 37, 43

■ 5, 15, 22

■ 0, 0, 0

 202, 212, 219

 202, 212, 219

 180, 203, 219

 224, 219, 220

 158, 194, 219


 246, 219, 227

 136, 185, 219


 255, 219, 234

 114, 176, 219


 255, 219, 240

 92, 167, 219


 255, 219, 247


 71, 158, 219

 255, 219, 253

 49, 149, 219

 255, 219, 255

 27, 140, 219

 5, 131, 219

Harmonies

Analogous

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



207, 217, 218



202, 212, 219



200, 210, 220

Triad

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



202, 212, 219



215, 214, 227



227, 215, 205

Complementary

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



202, 212, 219



219, 202, 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.



229, 211, 210



202, 212, 219



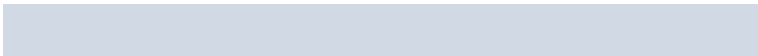
223, 212, 222

Square

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



202, 212, 219



208, 214, 228



228, 211, 216



217, 222, 203

Rectangle

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



202, 212, 219



201, 211, 224



228, 211, 216



228, 214, 206

Sweetspot

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



202, 212, 219



250, 253, 255



202, 219, 214



125, 127, 128



0, 0, 0



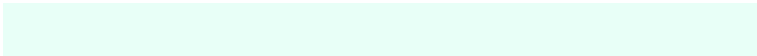
128, 128, 128

Same Dimension

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



202, 212, 219



232, 246, 255



202, 210, 219



99, 106, 110



0, 102, 173



0, 27, 46

Inverse Universe

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



219, 202, 207



255, 232, 239



219, 206, 202



110, 99, 102



173, 0, 52



46, 0, 14

Previews

White Background



This preview shows how the RYB color 202, 212, 219 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 202, 212, 219 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

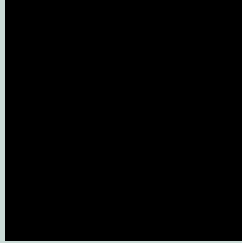
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

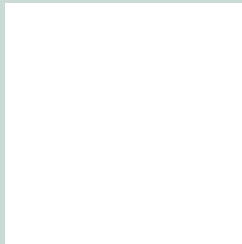
Any Text WCAG AAA ✓ Pass

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

RYB 202, 212, 219 Background



This preview shows how black text looks on a background with the RYB color 202, 212, 219.



This preview shows how white text looks on a background with the RYB color 202, 212, 219.

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
205, 213, 233

Trichromacy



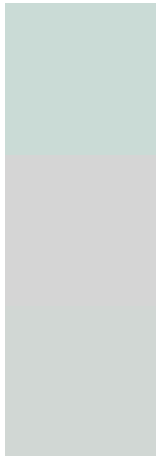
Original Color
202, 212, 219

Protanomaly
212, 216, 215

Deuteranomaly
223, 212, 215

Tritanomaly
204, 212, 226

Monochromacy



Original Color
202, 212, 219

Achromatopsia
213, 213, 213

Achromatomaly
209, 213, 215

CSS Examples

Text

The CSS property to change the color of the text to RYB 202, 212, 219 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, 219, 214)` looks like.

```
.text, #text, p{  
    color:rgb(202, 219, 214)  
}
```

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, 219, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 219, 214) }
```

Border

The CSS property to change the border of an element to RYB 202, 212, 219 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, 219, 214) }
```

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

```
.border{ border-color:rgb(202, 219, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 219, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 219, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 219, 214);  
box-shadow:4px 4px 4px 4px rgb(202, 219,  
214) }
```

Background

The CSS property to change the background color of an element to RGB 202, 212, 219 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 219, 214) }
```

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

```
.background{ background-color: rgb(202,  
219, 214) }
```

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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