

Converting Colors

`RYB(204, 219, 211)`

Have a look what the booklet for
RYB(204, 219, 211) contains.

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Color

$\text{RYB}(204, 219, 211)$

Conversions

Conversions Part 1

Format	Color
Hex	D4DBCC
RGB	212, 219, 204
RGB Percent	83%, 86%, 80%
CMY	0.1686, 0.1412, 0.2000
CMYK	0.03, 0.00, 0.07, 0.14
HSL	88°, 17%, 83%
HSV	88°, 7%, 86%
XYZ	63.3820, 69.0197, 67.1083
YIQ	215.1970, 0.6430, -6.1490

Conversions

Conversions Part 2

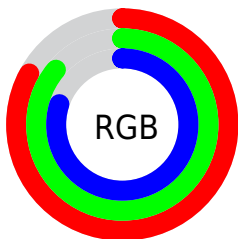
Format	Color
R_YB	204, 219, 211
Decimal	13949900
CIE Lab	86.51, -5.04, 6.54
CIE LCh	87, 8.260, 127.600
Yxy	69.0197, 0.3177, 0.3459
Android (android.graphics.Color)	4292139980 (0xFFD4DBCC)
YUV	215.1970, -5.5201, -2.8038
Hunter-Lab	83.0781, -9.2054, 10.2618

Details

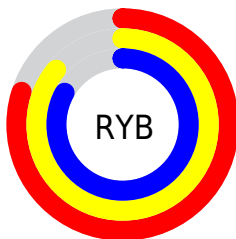
The RYB color **204, 219, 211** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **211, 204, 219**, and the grayscale version is **215, 215, 215**.

A 20% lighter version of the original color is **255, 255, 255**, and **150, 164, 157** is the 20% darker color. If you saturate the color by 10%, you get **182, 219, 199**, and if you desaturate by 10%, it is **222, 219, 226**.

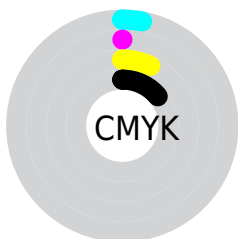
Distribution



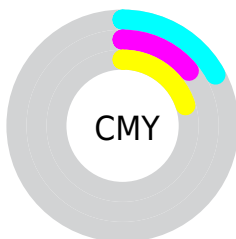
- Red (83%)
- Green (86%)
- Blue (80%)



- Red (80%)
- Yellow (86%)
- Blue (83%)



- Cyan (3%)
- Magenta (0%)
- Yellow (7%)
- Black (14%)



- Cyan (17%)
- Magenta (14%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the RYB color 204, 219, 211 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 204, 219, 211 by changing the saturation by 10% instead.

■ 204, 219, 211

255, 255, 255

■ 204, 219, 211

■ 177, 191, 184

■ 150, 164, 157

■ 124, 138, 131

■ 99, 112, 105

■ 75, 88, 81

■ 53, 65, 59

■ 31, 43, 37

■ 8, 22, 13

■ 0, 0, 0

 204, 219, 211

 204, 219, 211

 182, 219, 199

 222, 219, 226

 160, 219, 187

 232, 219, 248

 138, 219, 176

 243, 219, 255

 116, 219, 164

 253, 219, 255

 95, 219, 153

 255, 219, 255

 73, 219, 141

 51, 219, 130

 29, 219, 118

 7, 219, 106

Harmonies

Analogous

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



206, 221, 201



204, 219, 211



204, 217, 221

Triad

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



204, 219, 211



203, 213, 231



233, 211, 215

Complementary

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



204, 219, 211



211, 204, 219

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, 212, 223



204, 219, 211



211, 215, 232

Square

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



204, 219, 211



198, 211, 226



221, 214, 229



233, 213, 207

Rectangle

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



204, 219, 211



200, 212, 221



221, 214, 229



232, 211, 217

Sweetspot

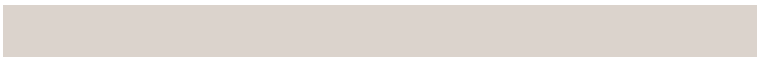
The Sweet Spot groups the original color and five complimentary colors.



204, 219, 211



250, 255, 252



219, 217, 204



125, 128, 127



0, 0, 0



128, 128, 128

Same Dimension

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



204, 219, 211



235, 255, 245



204, 219, 218



99, 110, 104



0, 173, 81



0, 46, 22

Inverse Universe

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



211, 204, 219



244, 235, 255



218, 204, 219



104, 99, 110



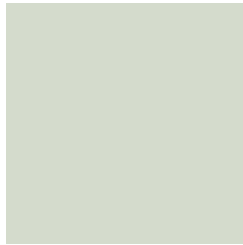
81, 0, 173



21, 0, 46

Previews

White Background



This preview shows how the RYB color 204, 219, 211 looks on a white background.

Color Contrast Check

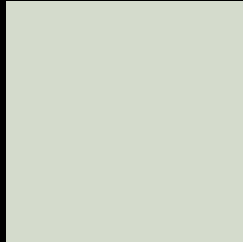
Large Text (above 18pt) WCAG AA × Fail

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 204, 219, 211 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

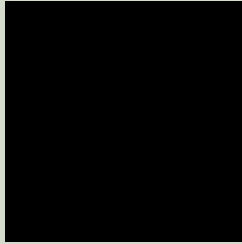
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

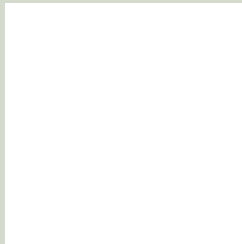
Any Text WCAG AAA ✓ Pass

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

RYB 204, 219, 211 Background



This preview shows how black text looks on a background with the RYB color 204, 219, 211.



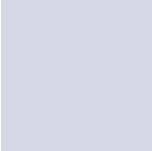
This preview shows how white text looks on a background with the RYB color 204, 219, 211.

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
216, 215, 232

Trichromacy



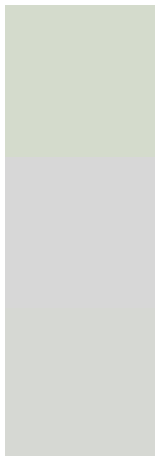
Original Color
204, 219, 211

Protanomaly
207, 220, 203

Deuteranomaly
230, 217, 205

Tritanomaly
215, 216, 222

Monochromacy



Original Color
204, 219, 211

Achromatopsia
215, 215, 215

Achromatomaly
211, 216, 213

CSS Examples

Text

The CSS property to change the color of the text to RYB 204, 219, 211 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(212, 219, 204) looks like.

```
.text, #text, p{  
    color:rgb(212, 219, 204)  
}
```

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(212, 219, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 219, 204) }
```

Border

The CSS property to change the border of an element to RYB 204, 219, 211 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(212, 219, 204) }
```

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

```
.border{ border-color:rgb(212, 219, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 219, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 219, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 219, 204);  
box-shadow:4px 4px 4px 4px rgb(212, 219,  
204) }
```

Background

The CSS property to change the background color of an element to RYB 204, 219, 211 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 219, 204) }
```

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

```
.background{ background-color: rgb(212,  
219, 204) }
```

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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