

Converting Colors

`RYB(204, 211, 220)`

Have a look what the booklet for
RYB(204, 211, 220) contains.

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Color

$\text{RYB}(204, 211, 220)$

Conversions

Conversions Part 1

Format	Color
Hex	CCD8DC
RGB	204, 216, 220
RGB Percent	80%, 85%, 86%
CMY	0.2000, 0.1512, 0.1373
CMYK	0.07, 0.02, 0.00, 0.14
HSL	193°, 19%, 83%
HSV	193°, 7%, 86%
XYZ	62.4900, 67.3445, 77.4154
YIQ	212.8680, -8.4360, -1.3000

Conversions

Conversions Part 2

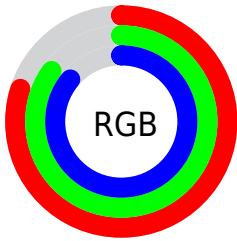
Format	Color
RYB	204, 211, 220
Decimal	13424860
CIELab	85.68, -3.49, -3.20
CIElCh	86, 4.738, 222.479
Yxy	67.3445, 0.3015, 0.3249
Android (android.graphics.Color)	4291614940 (0xFFCCD8DC)
YUV	212.8680, 3.5161, -7.7772
Hunter-Lab	82.0637, -7.6869, 1.5129

Details

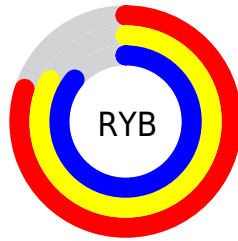
The RYB color **204, 211, 220** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **220, 209, 204**, and the grayscale version is **213, 213, 213**.

A 20% lighter version of the original color is **255, 255, 255**, and **150, 156, 165** is the 20% darker color. If you saturate the color by 10%, you get **182, 199, 220**, and if you desaturate by 10%, it is **226, 221, 220**.

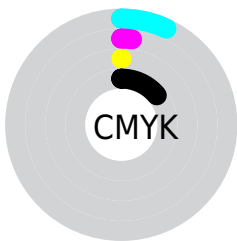
Distribution



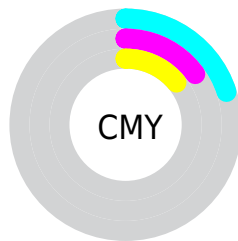
- Red (80%)
- Green (85%)
- Blue (86%)



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



- Cyan (7%)
- Magenta (2%)
- Yellow (0%)
- Black (14%)



- Cyan (20%)
- Magenta (15%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the RYB color 204, 211, 220 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, 211, 220 by changing the saturation by 10% instead.

■ 204, 211, 220

255, 255, 255

■ 204, 211, 220

■ 177, 184, 192

■ 150, 157, 165

■ 124, 130, 139

■ 99, 105, 113

■ 75, 81, 89

■ 52, 58, 66

■ 31, 36, 43

■ 8, 15, 23

■ 0, 0, 0

■ 204, 211, 220

■ 204, 211, 220

■ 182, 199, 220

■ 226, 221, 220

■ 160, 186, 220

■ 248, 228, 220

■ 138, 174, 220

■ 255, 236, 220

■ 116, 162, 220

■ 255, 249, 220

■ 94, 149, 220

■ 243, 255, 220

■ 72, 137, 220

■ 232, 255, 220

■ 50, 124, 220

■ 225, 255, 220

■ 28, 112, 220

■ 220, 255, 220

■ 6, 99, 220

Harmonies

Analogous

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



204, 211, 217



204, 211, 220



207, 212, 223

Triad

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



204, 211, 220



222, 211, 217



207, 216, 205

Complementary

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



204, 211, 220



220, 209, 204

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.



221, 219, 206



204, 211, 220



224, 211, 212

Square

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



204, 211, 220



217, 212, 221



224, 213, 208



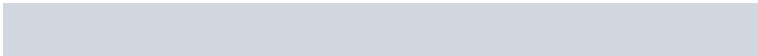
207, 216, 212

Rectangle

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



204, 211, 220



210, 213, 223



224, 213, 208



211, 218, 205

Sweetspot

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



204, 211, 220



250, 252, 255



204, 217, 220



125, 126, 128



0, 0, 0



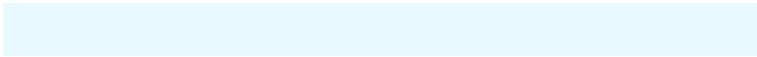
128, 128, 128

Same Dimension

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



204, 211, 220



232, 242, 255



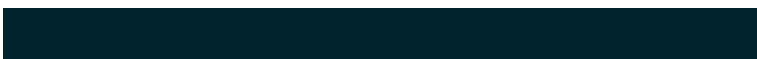
204, 208, 220



99, 104, 110



0, 76, 173



0, 20, 46

Inverse Universe

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



220, 204, 216



255, 232, 250



211, 220, 204



110, 99, 107



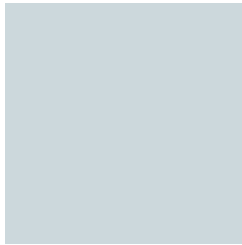
173, 0, 135



46, 0, 36

Previews

White Background



This preview shows how the RYB color 204, 211, 220 looks on a white background.

Color Contrast Check

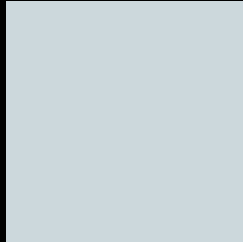
Large Text (above 18pt) WCAG AA × Fail

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, 211, 220 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

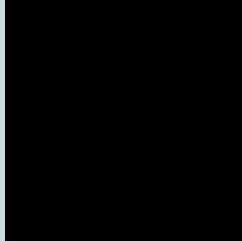
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

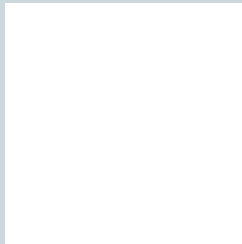
Any Text WCAG AAA ✓ Pass

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

RYB 204, 211, 220 Background



This preview shows how black text looks on a background with the RYB color 204, 211, 220.

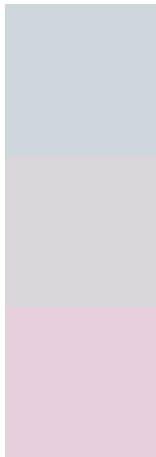


This preview shows how white text looks on a background with the RYB color 204, 211, 220.

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
204, 211, 220

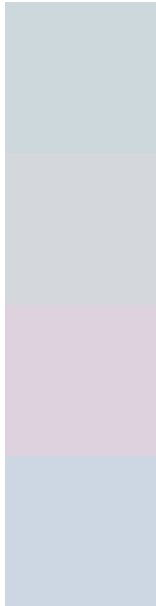
Protanopia
217, 213, 218

Deuteranopia
231, 207, 222



Tritanopia
206, 213, 232

Trichromacy



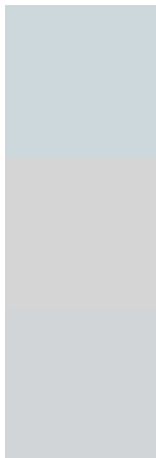
Original Color
204, 211, 220

Protanomaly
212, 214, 219

Deuteranomaly
221, 210, 221

Tritanomaly
205, 212, 228

Monochromacy



Original Color
204, 211, 220

Achromatopsia
213, 213, 213

Achromatomaly
210, 212, 216

CSS Examples

Text

The CSS property to change the color of the text to RYB 204, 211, 220 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(204, 216, 220) looks like.

```
.text, #text, p{  
    color:rgb(204, 216, 220)  
}
```

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(204, 216, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 216, 220) }
```

Border

The CSS property to change the border of an element to RYB 204, 211, 220 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(204, 216, 220) }
```

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

```
.border{ border-color:rgb(204, 216, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 216, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 216, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 216, 220);  
box-shadow:4px 4px 4px 4px rgb(204, 216,  
220) }
```

Background

The CSS property to change the background color of an element to RYB 204, 211, 220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 216, 220) }
```

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

```
.background{ background-color: rgb(204,  
216, 220) }
```

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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