

Converting Colors

`RYB(199, 204, 218)`

Have a look what the booklet for
RYB(199, 204, 218) contains.

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Color

R_YB(199, 204, 218)

Conversions

Conversions Part 1

Format	Color
Hex	C7CEDA
RGB	199, 206, 218
RGB Percent	78%, 81%, 85%
CMY	0.2196, 0.1930, 0.1451
CMYK	0.09, 0.06, 0.00, 0.15
HSL	219°, 20%, 82%
HSV	219°, 9%, 85%
XYZ	58.2278, 61.2436, 75.0819
YIQ	205.2750, -8.0240, 2.2480

Conversions

Conversions Part 2

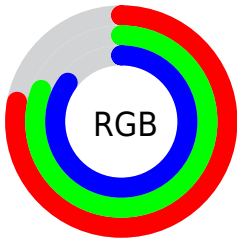
Format	Color
R _Y B	199, 204, 218
Decimal	13094618
CIE Lab	82.51, 0.04, -6.85
CIE LCh	83, 6.850, 270.359
Yxy	61.2436, 0.2993, 0.3148
Android (android.graphics.Color)	4291284698 (0xFFC7CEDA)
YUV	205.2750, 6.2734, -5.5032
Hunter-Lab	78.2583, -4.1396, -2.1027

Details

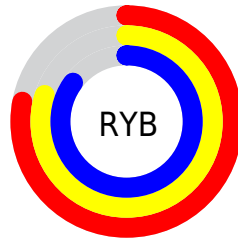
The RYB color **199, 204, 218** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **210, 218, 199**, and the grayscale version is **205, 205, 205**.

A 20% lighter version of the original color is **255, 255, 255**, and **145, 150, 163** is the 20% darker color. If you saturate the color by 10%, you get **177, 188, 218**, and if you desaturate by 10%, it is **220, 221, 218**.

Distribution



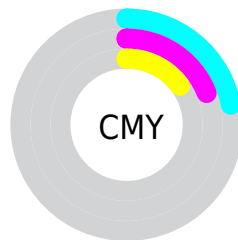
- Red (78%)
- Green (81%)
- Blue (85%)



- Red (78%)
- Yellow (80%)
- Blue (85%)



- Cyan (9%)
- Magenta (6%)
- Yellow (0%)
- Black (15%)



- Cyan (22%)
- Magenta (19%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the RYB color 199, 204, 218 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 199, 204, 218 by changing the saturation by 10% instead.

■ 199, 204, 218

255, 255, 255

■ 199, 204, 218

■ 172, 177, 190

■ 145, 150, 163

■ 119, 124, 137

■ 95, 99, 111

■ 71, 75, 87

■ 48, 52, 64

■ 27, 31, 42

■ 1, 7, 22

■ 0, 0, 0

■ 199, 204, 218

■ 199, 204, 218

■ 177, 188, 218

■ 220, 221, 218

■ 155, 172, 218

■ 232, 243, 218

■ 134, 156, 218

■ 227, 255, 218

■ 112, 140, 218

■ 218, 255, 218

■ 90, 124, 218

■ 68, 108, 218

■ 46, 92, 218

■ 25, 76, 218

■ 3, 60, 218

Harmonies

Analogous

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



193, 202, 216



199, 204, 218



207, 204, 216

Triad

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



199, 204, 218



220, 201, 199



196, 207, 209

Complementary

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



199, 204, 218



210, 218, 199

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.



194, 207, 198



199, 204, 218



217, 209, 194

Square

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



199, 204, 218



219, 201, 205



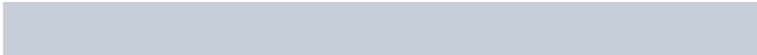
202, 211, 193



191, 201, 209

Rectangle

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



199, 204, 218



212, 202, 214



202, 211, 193



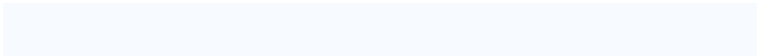
197, 208, 206

Sweetspot

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



199, 204, 218



247, 249, 255



199, 211, 218



122, 124, 128



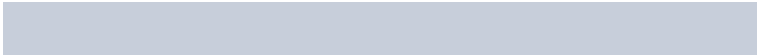
0, 0, 0



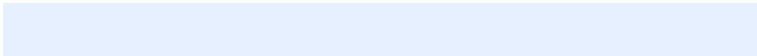
128, 128, 128

Same Dimension

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



199, 204, 218



230, 237, 255



202, 199, 218



99, 102, 110



0, 46, 173



0, 12, 46

Inverse Universe

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



218, 199, 206



255, 230, 239



199, 218, 202



110, 99, 103



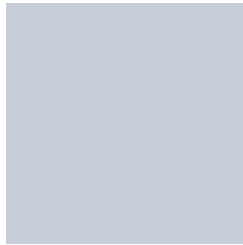
173, 0, 62



46, 0, 16

Previews

White Background



This preview shows how the RYB color 199, 204, 218 looks on a white background.

Color Contrast Check

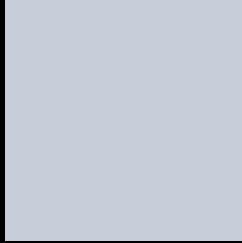
Large Text (above 18pt) WCAG AA × Fail

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 199, 204, 218 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

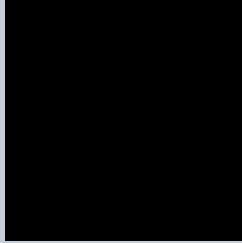
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

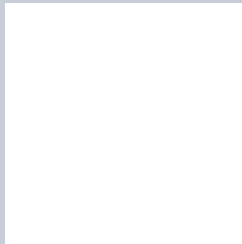
Any Text WCAG AAA ✓ Pass

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

R/Y/B 199, 204, 218 Background



This preview shows how black text looks on a background with the R/Y/B color 199, 204, 218.

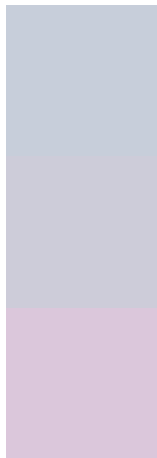


This preview shows how white text looks on a background with the R/Y/B color 199, 204, 218.

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
199, 204, 218

Protanopia
205, 204, 217

Deuteranopia
219, 199, 219



Tritanopia
200, 204, 221

Trichromacy



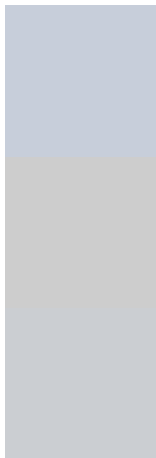
Original Color
199, 204, 218

Protanomaly
203, 205, 217

Deuteranomaly
212, 201, 219

Tritanomaly
200, 204, 220

Monochromacy



Original Color
199, 204, 218

Achromatopsia
205, 205, 205

Achromatomaly
203, 205, 210

CSS Examples

Text

The CSS property to change the color of the text to RYB 199, 204, 218 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(199, 206, 218) looks like.

```
.text, #text, p{  
    color:rgb(199, 206, 218)  
}
```

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(199, 206, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 206, 218) }
```

Border

The CSS property to change the border of an element to RYB 199, 204, 218 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(199, 206, 218) }
```

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

```
.border{ border-color:rgb(199, 206, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 206, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 206, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 206, 218);  
box-shadow:4px 4px 4px 4px rgb(199, 206,  
218) }
```

Background

The CSS property to change the background color of an element to RYB 199, 204, 218 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 206, 218) }
```

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

```
.background{ background-color: rgb(199,  
206, 218) }
```

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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