

Converting Colors

`RYB(199, 213, 223)`

Have a look what the booklet for
RYB(199, 213, 223) contains.

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Color

R_YB(199, 213, 223)

Conversions

Conversions Part 1

Format	Color
Hex	C7DFD8
RGB	199, 223, 216
RGB Percent	78%, 87%, 85%
CMY	0.2196, 0.1255, 0.1524
CMYK	0.11, 0.00, 0.03, 0.13
HSL	163°, 27%, 83%
HSV	163°, 11%, 87%
XYZ	62.3540, 69.8827, 75.2649
YIQ	215.0260, -12.0570, -7.2650

Conversions

Conversions Part 2

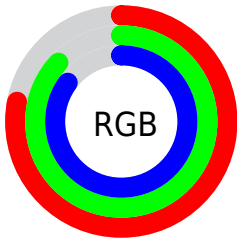
Format	Color
RYB	199, 213, 223
Decimal	13098968
CIELab	86.94, -9.25, 0.64
CIElCh	87, 9.271, 176.016
Yxy	69.8827, 0.3005, 0.3368
Android (android.graphics.Color)	4291289048 (0xFFC7DFD8)
YUV	215.0260, 0.4802, -14.0548
Hunter-Lab	83.5959, -13.1500, 5.1358

Details

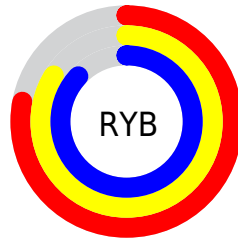
The RYB color **199, 213, 223** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **223, 199, 206**, and the grayscale version is **215, 215, 215**.

A 20% lighter version of the original color is 255, 255, 255, and **145, 159, 168** is the 20% darker color. If you saturate the color by 10%, you get **177, 204, 223**, and if you desaturate by 10%, it is **221, 222, 223**.

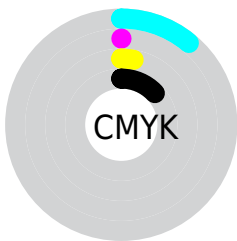
Distribution



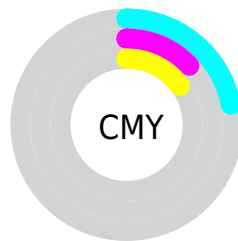
- Red (78%)
- Green (87%)
- Blue (85%)



- Red (78%)
- Yellow (84%)
- Blue (87%)



- Cyan (11%)
- Magenta (0%)
- Yellow (3%)
- Black (13%)



- Cyan (22%)
- Magenta (13%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the RYB color 199, 213, 223 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, 213, 223 by changing the saturation by 10% instead.

■ 199, 213, 223

255, 255, 255

■ 199, 213, 223

■ 172, 186, 195

■ 145, 159, 168

■ 119, 132, 141

■ 94, 107, 116

■ 70, 82, 91

■ 48, 60, 68

■ 26, 37, 45


■ 2, 15, 25

■ 0, 0, 0

 199, 213, 223


 199, 213, 223

 177, 204, 223


 221, 222, 223

 154, 194, 223


 244, 223, 229

 132, 185, 223


 255, 223, 235

 110, 176, 223


 255, 223, 242

 88, 167, 223


 255, 223, 248


 65, 157, 223

 255, 223, 254

 43, 148, 223

 255, 223, 255

 21, 139, 223

 0, 130, 223

Harmonies

Analogous

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



207, 221, 222



199, 213, 223



196, 210, 225

Triad

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



199, 213, 223



218, 216, 233



234, 220, 203

Complementary

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



199, 213, 223



223, 199, 206

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.



237, 212, 210



199, 213, 223



228, 213, 228

Square

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



199, 213, 223



207, 215, 235



235, 212, 219



216, 227, 200

Rectangle

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



199, 213, 223



198, 212, 230



235, 212, 219



236, 216, 205

Sweetspot

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



199, 213, 223



247, 252, 255



199, 223, 216



122, 126, 128



0, 0, 0



128, 128, 128

Same Dimension

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



199, 213, 223



222, 241, 255



199, 210, 223



101, 107, 112



0, 103, 176



0, 28, 48

Inverse Universe

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



223, 199, 206



255, 222, 231



223, 205, 199



112, 101, 104



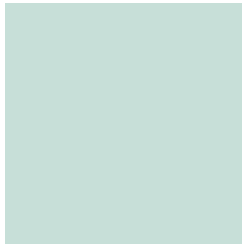
176, 0, 50



48, 0, 14

Previews

White Background



This preview shows how the RYB color 199, 213, 223 looks on a white background.

Color Contrast Check

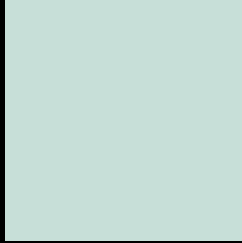
Large Text (above 18pt) WCAG AA × Fail

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, 213, 223 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

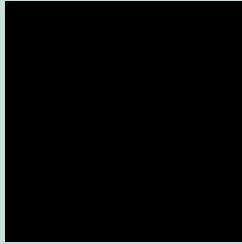
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

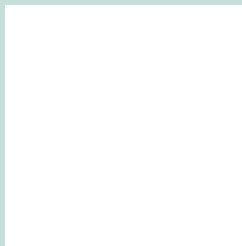
Any Text WCAG AAA ✓ Pass

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

RYB 199, 213, 223 Background



This preview shows how black text looks on a background with the RYB color 199, 213, 223.



This preview shows how white text looks on a background with the RYB color 199, 213, 223.

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
203, 214, 237

Trichromacy



Original Color

199, 213, 223

Protanomaly

214, 219, 219

Deuteranomaly

224, 215, 218

Tritanomaly

202, 213, 229

Monochromacy



Original Color

199, 213, 223

Achromatopsia

215, 215, 215

Achromatomaly

209, 214, 218

CSS Examples

Text

The CSS property to change the color of the text to RYB 199, 213, 223 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, 223, 216)` looks like.

```
.text, #text, p{  
    color:rgb(199, 223, 216)  
}
```

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, 223, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 223, 216) }
```

Border

The CSS property to change the border of an element to RYB 199, 213, 223 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, 223, 216) }
```

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

```
.border{ border-color:rgb(199, 223, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 223, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(199, 223, 216); -webkit-box-shadow:4px 4px 4px 4px rgb(199, 223, 216); box-shadow:4px 4px 4px 4px rgb(199, 223, 216) }
```

Background

The CSS property to change the background color of an element to RYB 199, 213, 223 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 223, 216) }
```

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

```
.background{ background-color: rgb(199,  
223, 216) }
```

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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