

Converting Colors

`RYB(192, 213, 218)`

Have a look what the booklet for
RYB(192, 213, 218) contains.

RYB(192, 213, 218)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

R_YB(192, 213, 218)

Conversions

Conversions Part 1

Format	Color
Hex	C0DAC6
RGB	192, 218, 198
RGB Percent	75%, 85%, 78%
CMY	0.2471, 0.1451, 0.2228
CMYK	0.12, 0.00, 0.09, 0.15
HSL	134°, 26%, 80%
HSV	134°, 12%, 85%
XYZ	57.0247, 65.4353, 63.1661
YIQ	207.9460, -9.0760, -11.7320

Conversions

Conversions Part 2

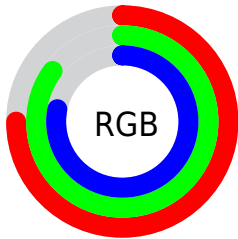
Format	Color
RYB	192, 213, 218
Decimal	12638918
CIELab	84.71, -12.38, 6.83
CIELCh	85, 14.136, 151.107
Yxy	65.4353, 0.3072, 0.3525
Android (android.graphics.Color)	4290828998 (0xFFC0DAC6)
YUV	207.9460, -4.9034, -13.9846
Hunter-Lab	80.8921, -15.7280, 10.3267

Details

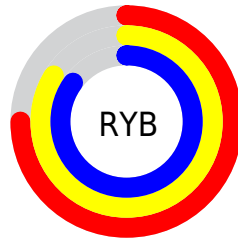
The RYB color **192, 213, 218** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **218, 192, 212**, and the grayscale version is **208, 208, 208**.

A 20% lighter version of the original color is **249, 252, 255**, and **138, 158, 163** is the 20% darker color. If you saturate the color by 10%, you get **170, 208, 218**, and if you desaturate by 10%, it is **214, 217, 218**.

Distribution



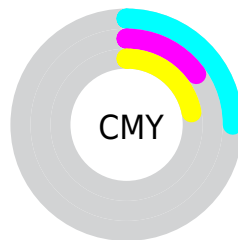
- Red (75%)
- Green (85%)
- Blue (78%)



- Red (75%)
- Yellow (84%)
- Blue (85%)



- Cyan (12%)
- Magenta (0%)
- Yellow (9%)
- Black (15%)



- Cyan (25%)
- Magenta (15%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the RYB color 192, 213, 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 192, 213, 218 by changing the saturation by 10% instead.

 192, 213, 218

255, 255, 255


 249, 252, 255

 192, 213, 218

 165, 185, 190


 138, 158, 163

 113, 132, 137

 88, 106, 111

 65, 83, 87

 42, 59, 64

 21, 36, 41

 0, 22, 22

 0, 0, 0

 192, 213, 218

 192, 213, 218

 170, 208, 218

 214, 217, 218

 148, 204, 218


 236, 218, 231


 127, 201, 218


 255, 218, 248


 105, 196, 218

 255, 218, 255

 83, 192, 218

 61, 187, 218

 39, 183, 218

 18, 180, 218

 0, 176, 218

Harmonies

Analogous

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



188, 215, 196



192, 213, 218



181, 202, 219

Triad

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



192, 213, 218



198, 208, 238



240, 204, 198

Complementary

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



192, 213, 218



218, 192, 212

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.



239, 202, 211



192, 213, 218



215, 208, 234

Square

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



192, 213, 218



184, 204, 234



230, 204, 225



234, 216, 189

Rectangle

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



192, 213, 218



178, 199, 221



230, 204, 225



240, 203, 202

Sweetspot

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



192, 213, 218



245, 253, 255



192, 218, 198



121, 126, 128



0, 0, 0



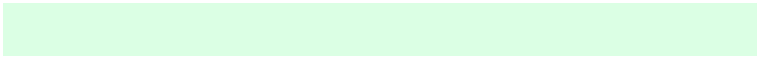
128, 128, 128

Same Dimension

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



192, 213, 218



219, 248, 255



192, 207, 218



99, 108, 110



0, 140, 173



0, 37, 46

Inverse Universe

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



218, 192, 212



255, 219, 246



218, 192, 199



110, 99, 107



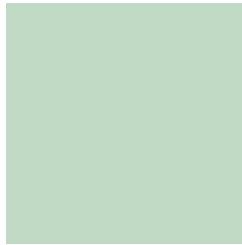
173, 0, 132



46, 0, 35

Previews

White Background



This preview shows how the RYB color 192, 213, 218 looks on a white background.

Color Contrast Check

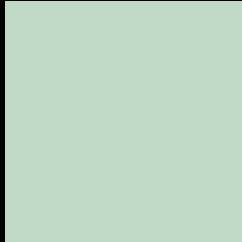
Large Text (above 18pt) WCAG AA × Fail

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 192, 213, 218 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

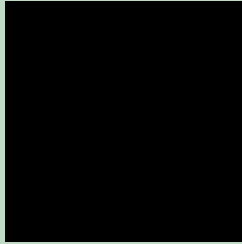
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

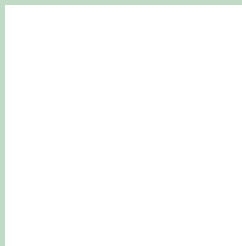
Any Text WCAG AAA ✓ Pass

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

RYB 192, 213, 218 Background



This preview shows how black text looks on a background with the RYB color 192, 213, 218.



This preview shows how white text looks on a background with the RYB color 192, 213, 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





Tritanopia
197, 208, 230

Trichromacy



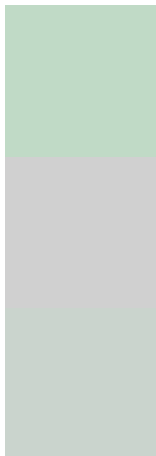
Original Color
192, 213, 218

Protanomaly
196, 213, 200

Deuteranomaly
219, 217, 200

Tritanomaly
195, 206, 218

Monochromacy



Original Color
192, 213, 218

Achromatopsia
208, 208, 208

Achromatomaly
202, 210, 212

CSS Examples

Text

The CSS property to change the color of the text to RYB 192, 213, 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(192, 218, 198)` looks like.

```
.text, #text, p{  
    color:rgb(192, 218, 198)  
}
```

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(192, 218, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 218, 198) }
```

Border

The CSS property to change the border of an element to RYB 192, 213, 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(192, 218, 198) }
```

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

```
.border{ border-color:rgb(192, 218, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 218, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 218, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 218, 198);  
box-shadow:4px 4px 4px 4px rgb(192, 218,  
198) }
```

Background

The CSS property to change the background color of an element to RYB 192, 213, 218 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 218, 198) }
```

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

```
.background{ background-color: rgb(192,  
218, 198) }
```

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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