

Converting Colors

`RYB(188, 202, 215)`

Have a look what the booklet for RYB(188, 202, 215) contains.

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Color

R_YB(188, 202, 215)

Conversions

Conversions Part 1

Format	Color
Hex	BCD7D5
RGB	188, 215, 213
RGB Percent	74%, 84%, 84%
CMY	0.2627, 0.1569, 0.1644
CMYK	0.13, 0.00, 0.01, 0.16
HSL	176°, 25%, 79%
HSV	176°, 13%, 84%
XYZ	57.0588, 64.1000, 72.3635
YIQ	206.6990, -15.4500, -6.3460

Conversions

Conversions Part 2

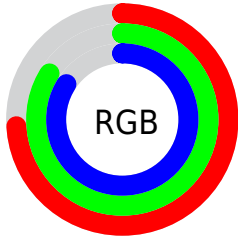
Format	Color
R _Y B	188, 202, 215
Decimal	12376021
CIE Lab	84.02, -9.32, -2.09
CIE LCh	84, 9.551, 192.645
Yxy	64.1000, 0.2948, 0.3312
Android (android.graphics.Color)	4290566101 (0xFFBCD7D5)
YUV	206.6990, 3.1064, -16.3990
Hunter-Lab	80.0625, -12.8962, 2.4551

Details

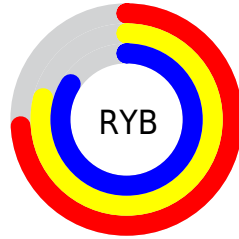
The RYB color **188, 202, 215** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **215, 188, 190**, and the grayscale version is **207, 207, 207**.

A 20% lighter version of the original color is **244, 250, 255**, and **134, 148, 160** is the 20% darker color. If you saturate the color by 10%, you get **167, 192, 215**, and if you desaturate by 10%, it is **210, 213, 215**.

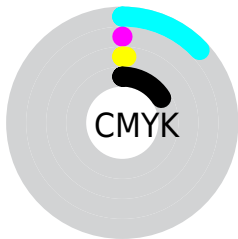
Distribution



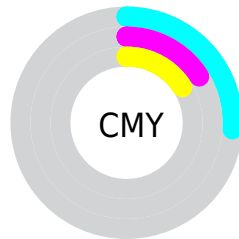
- Red (74%)
- Green (84%)
- Blue (84%)



- Red (74%)
- Yellow (79%)
- Blue (84%)



- Cyan (13%)
- Magenta (0%)
- Yellow (1%)
- Black (16%)



- Cyan (26%)
- Magenta (16%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the RYB color 188, 202, 215 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 188, 202, 215 by changing the saturation by 10% instead.

■ 188, 202, 215

255, 255, 255

■ 244, 250, 255

■ 188, 202, 215

■ 161, 175, 187

■ 134, 148, 160

■ 109, 122, 134

■ 84, 97, 109

■ 61, 73, 84

■ 38, 50, 61

■ 17, 28, 39

■ 0, 10, 19

■ 0, 0, 0


 188, 202, 215

 188, 202, 215

 167, 192, 215


 210, 213, 215

 145, 181, 215


 231, 215, 216

 124, 171, 215


 253, 215, 218

 102, 161, 215


 255, 215, 219

 81, 151, 215


 255, 215, 221

 59, 140, 215


 255, 215, 222

 37, 129, 215

 255, 215, 224

 16, 119, 215

 255, 215, 225

 0, 111, 215

 255, 215, 227

Harmonies

Analogous

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



193, 208, 215



188, 202, 215



188, 203, 221

Triad

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



188, 202, 215



216, 206, 223



222, 220, 193

Complementary

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



188, 202, 215



215, 188, 190

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.



228, 207, 198



188, 202, 215



225, 204, 215

Square

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



188, 202, 215



205, 208, 227



229, 204, 206



196, 213, 192

Rectangle

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



188, 202, 215



192, 205, 225



229, 204, 206



225, 214, 194

Sweetspot

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



188, 202, 215



245, 250, 255



188, 215, 213



121, 125, 128



0, 0, 0



128, 128, 128

Same Dimension

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



188, 202, 215



217, 237, 255



188, 198, 215



96, 102, 107



0, 89, 171



0, 22, 43

Inverse Universe

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



215, 188, 190



255, 217, 219



215, 207, 188



107, 96, 97



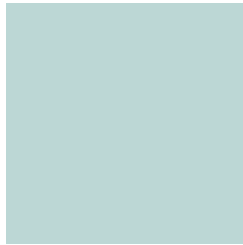
171, 0, 12



43, 0, 3

Previews

White Background



This preview shows how the RYB color 188, 202, 215 looks on a white background.

Color Contrast Check

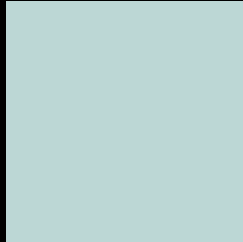
Large Text (above 18pt) WCAG AA × Fail

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 188, 202, 215 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

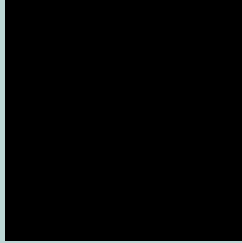
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

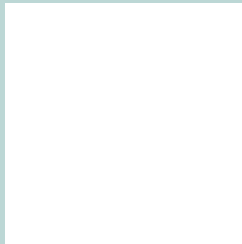
Any Text WCAG AAA ✓ Pass

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

R Y B 188, 202, 215 Background



This preview shows how black text looks on a background with the RYB color 188, 202, 215.

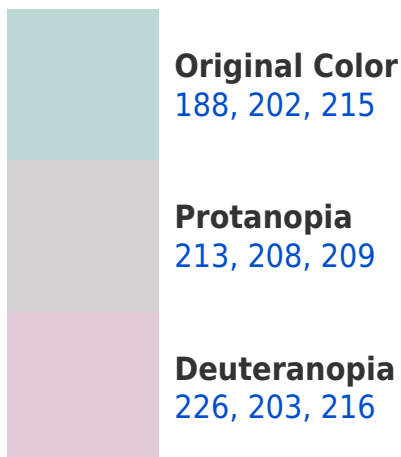


This preview shows how white text looks on a background with the RYB color 188, 202, 215.

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](#).

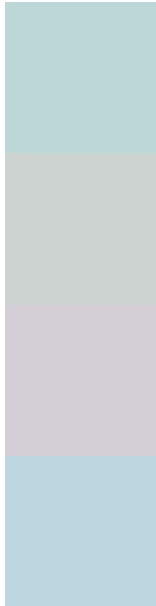
Dichromacy





Tritanopia
191, 205, 229

Trichromacy



Original Color
188, 202, 215

Protanomaly
204, 208, 211

Deuteranomaly
212, 207, 215

Tritanomaly
190, 204, 223

Monochromacy



Original Color
188, 202, 215

Achromatopsia
207, 207, 207

Achromatomaly
200, 205, 210

CSS Examples

Text

The CSS property to change the color of the text to RYB 188, 202, 215 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(188, 215, 213)` looks like.

```
.text, #text, p{  
    color:rgb(188, 215, 213)  
}
```

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(188, 215, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 215, 213) }
```

Border

The CSS property to change the border of an element to RYB 188, 202, 215 is called "border". The border property can be set on classes, ids or directly on the HTML element.

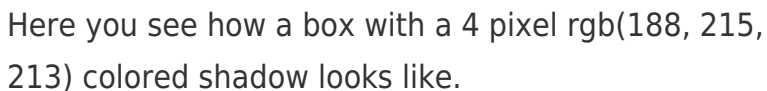
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(188, 215, 213) }
```

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

```
.border{ border-color:rgb(188, 215, 213) }
```

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



Here you see how a box with a 4 pixel `rgb(188, 215, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 215, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 215, 213);  
box-shadow:4px 4px 4px 4px rgb(188, 215,  
213) }
```

Background

The CSS property to change the background color of an element to RYB 188, 202, 215 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 215, 213) }
```

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

```
.background{ background-color: rgb(188,  
215, 213) }
```

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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