

Converting Colors

`RYB(193, 206, 215)`

Have a look what the booklet for
RYB(193, 206, 215) contains.

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Color

R_YB(193, 206, 215)

Conversions

Conversions Part 1

Format	Color
Hex	C1D7D0
RGB	193, 215, 208
RGB Percent	76%, 84%, 82%
CMY	0.2431, 0.1569, 0.1834
CMYK	0.10, 0.00, 0.03, 0.16
HSL	162°, 22%, 80%
HSV	162°, 10%, 84%
XYZ	57.7063, 64.5038, 69.2325
YIQ	207.6240, -10.8650, -6.8410

Conversions

Conversions Part 2

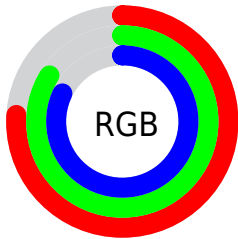
Format	Color
RYB	193, 206, 215
Decimal	12703696
CIELab	84.23, -8.63, 0.83
CIELCh	84, 8.673, 174.541
Yxy	64.5038, 0.3014, 0.3369
Android (android.graphics.Color)	4290893776 (0xFFC1D7D0)
YUV	207.6240, 0.1854, -12.8252
Hunter-Lab	80.3142, -12.2964, 5.1108

Details

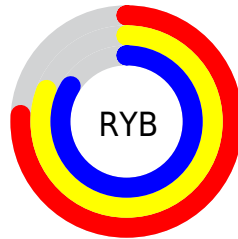
The RYB color **193, 206, 215** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **215, 193, 200**, and the grayscale version is **208, 208, 208**.

A 20% lighter version of the original color is **250, 253, 255**, and **139, 151, 160** is the 20% darker color. If you saturate the color by 10%, you get **172, 197, 215**, and if you desaturate by 10%, it is **215, 215, 215**.

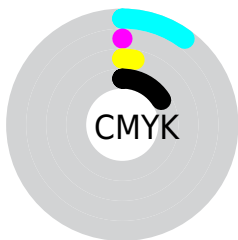
Distribution



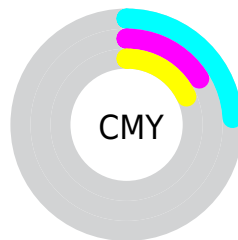
- Red (76%)
- Green (84%)
- Blue (82%)



- Red (76%)
- Yellow (81%)
- Blue (84%)



- Cyan (10%)
- Magenta (0%)
- Yellow (3%)
- Black (16%)



- Cyan (24%)
- Magenta (16%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the RYB color 193, 206, 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 193, 206, 215 by changing the saturation by 10% instead.

 193, 206, 215


255, 255, 255


 250, 253, 255

 193, 206, 215


 166, 178, 187

 139, 151, 160


 114, 126, 134

 89, 101, 109

 66, 76, 84

 43, 53, 61


 22, 32, 39

 0, 11, 19


 0, 0, 0

 193, 206, 215


 193, 206, 215

 172, 197, 215

 215, 215, 215

 150, 188, 215


 236, 215, 221

 129, 180, 215


 255, 215, 228

 107, 171, 215


 255, 215, 235

 86, 162, 215


 255, 215, 241

 64, 153, 215

 255, 215, 248

 42, 144, 215

 255, 215, 255

 21, 136, 215

 0, 127, 215

Harmonies

Analogous

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



200, 214, 214



193, 206, 215



190, 203, 217

Triad

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



193, 206, 215



210, 209, 225



225, 213, 197

Complementary

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



193, 206, 215



215, 193, 200

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, 205, 204



193, 206, 215



220, 206, 220

Square

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



193, 206, 215



200, 208, 226



226, 205, 212



211, 219, 194

Rectangle

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



193, 206, 215



191, 204, 221



226, 205, 212



227, 208, 199

Sweetspot

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



193, 206, 215



247, 252, 255



193, 215, 208



122, 126, 128



0, 0, 0



128, 128, 128

Same Dimension

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



193, 206, 215



224, 242, 255



193, 203, 215



96, 102, 107



0, 101, 171



0, 25, 43

Inverse Universe

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



215, 193, 200



255, 224, 234



215, 198, 193



107, 96, 100



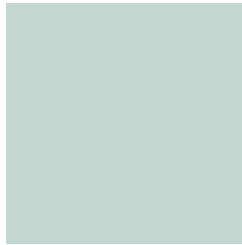
171, 0, 53



43, 0, 13

Previews

White Background



This preview shows how the RYB color 193, 206, 215 looks on a white background.

Color Contrast Check

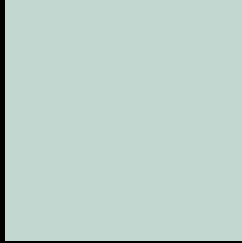
Large Text (above 18pt) WCAG AA × Fail

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 193, 206, 215 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

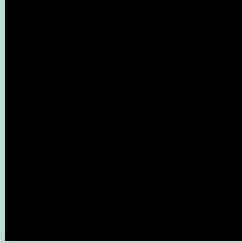
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

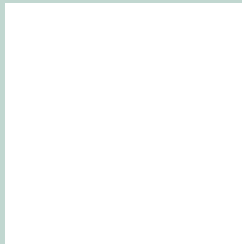
Any Text WCAG AAA ✓ Pass

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

R Y B 193, 206, 215 Background



This preview shows how black text looks on a background with the R Y B color 193, 206, 215.



This preview shows how white text looks on a background with the R Y B color 193, 206, 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](#).

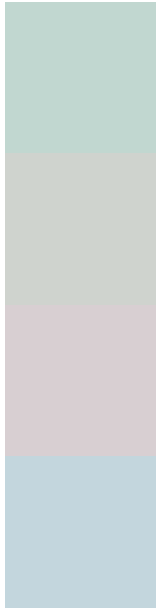
Dichromacy





Tritanopia
196, 207, 229

Trichromacy



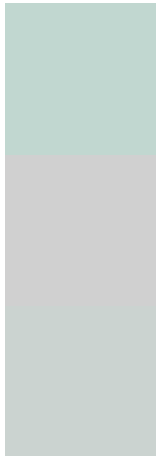
Original Color
193, 206, 215

Protanomaly
206, 211, 210

Deuteranomaly
216, 207, 210

Tritanomaly
195, 206, 221

Monochromacy



Original Color
193, 206, 215

Achromatopsia
208, 208, 208

Achromatomaly
203, 208, 211

CSS Examples

Text

The CSS property to change the color of the text to RYB 193, 206, 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(193, 215, 208)` looks like.

```
.text, #text, p{  
    color:rgb(193, 215, 208)  
}
```

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(193, 215, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 215, 208) }
```

Border

The CSS property to change the border of an element to RYB 193, 206, 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(193, 215, 208) }
```

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

```
.border{ border-color:rgb(193, 215, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 215, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 215, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 215, 208);  
box-shadow:4px 4px 4px 4px rgb(193, 215,  
208) }
```

Background

The CSS property to change the background color of an element to RYB 193, 206, 215 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 215, 208) }
```

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

```
.background{ background-color: rgb(193,  
215, 208) }
```

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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