

Converting Colors

`RYB(191, 208, 193)`

Have a look what the booklet for
RYB(191, 208, 193) contains.

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Color

R_YB(191, 208, 193)

Conversions

Conversions Part 1

Format	Color
Hex	CED0BF
RGB	206, 208, 191
RGB Percent	81%, 82%, 75%
CMY	0.1922, 0.1843, 0.2510
CMYK	0.01, 0.00, 0.08, 0.18
HSL	67°, 15%, 78%
HSV	67°, 8%, 82%
XYZ	57.4134, 61.9951, 58.2305
YIQ	205.4640, 4.2650, -5.7110

Conversions

Conversions Part 2

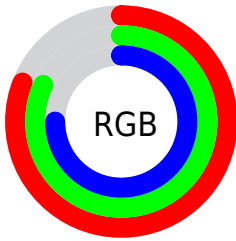
Format	Color
RYB	191, 208, 193
Decimal	13553855
CIELab	82.91, -3.68, 8.20
CIELCh	83, 8.982, 114.158
Yxy	61.9951, 0.3232, 0.3490
Android (android.graphics.Color)	4291743935 (0xFFCED0BF)
YUV	205.4640, -7.1308, 0.4701
Hunter-Lab	78.7370, -7.6311, 11.2676

Details

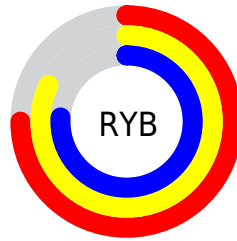
The RYB color **191, 208, 193** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **193, 191, 208**, and the grayscale version is **206, 206, 206**.

A 20% lighter version of the original color is **247, 255, 247**, and **138, 154, 140** is the 20% darker color. If you saturate the color by 10%, you get **170, 208, 174**, and if you desaturate by 10%, it is **208, 208, 212**.

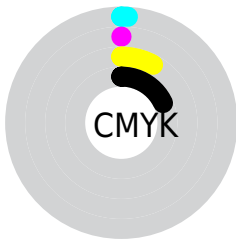
Distribution



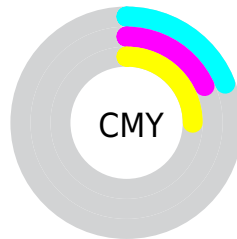
- Red (81%)
- Green (82%)
- Blue (75%)



- Red (75%)
- Yellow (82%)
- Blue (76%)



- Cyan (1%)
- Magenta (0%)
- Yellow (8%)
- Black (18%)



- Cyan (19%)
- Magenta (18%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the RYB color 191, 208, 193 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 191, 208, 193 by changing the saturation by 10% instead.

 191, 208, 193

255, 255, 255

 247, 255, 247

 191, 208, 193

 164, 180, 166

 138, 154, 140


 112, 128, 114

 88, 103, 90

 64, 79, 66

 42, 56, 44

 22, 35, 24

 0, 13, 6

 0, 0, 0

 191, 208, 193

 191, 208, 193

 170, 208, 174

 208, 208, 212

 149, 208, 156

 211, 208, 233

 129, 208, 138

 213, 208, 253

 108, 208, 120

 216, 208, 255

 87, 208, 101

 218, 208, 255

 66, 208, 83

 221, 208, 255

 45, 208, 64

 223, 208, 255

 25, 208, 47

 226, 208, 255

 4, 208, 28

 228, 208, 255

Harmonies

Analogous

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



207, 215, 190



191, 208, 193



196, 210, 210

Triad

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



191, 208, 193



188, 201, 220



223, 201, 208

Complementary

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



191, 208, 193



193, 191, 208

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.



216, 202, 216



191, 208, 193



196, 204, 223

Square

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



191, 208, 193



186, 199, 213



206, 205, 222



225, 201, 200

Rectangle

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



191, 208, 193



191, 204, 211



206, 205, 222



221, 201, 211

Sweetspot

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



191, 208, 193



250, 255, 251



208, 193, 191



125, 128, 126



0, 0, 0



128, 128, 128

Same Dimension

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



191, 208, 193



230, 255, 233



191, 208, 201



94, 105, 96



0, 168, 19



0, 41, 5

Inverse Universe

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



193, 191, 208



233, 230, 255



201, 191, 208



95, 94, 105



20, 0, 168



5, 0, 41

Previews

White Background



This preview shows how the RYB color 191, 208, 193 looks on a white background.

Color Contrast Check

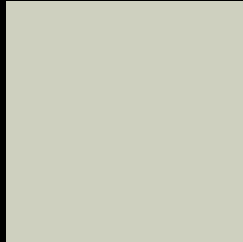
Large Text (above 18pt) WCAG AA × Fail

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 191, 208, 193 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

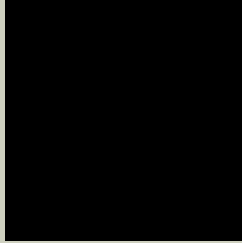
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

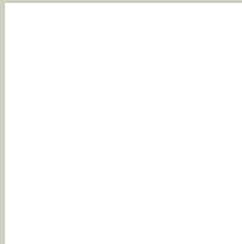
Any Text WCAG AAA ✓ Pass

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

RYB 191, 208, 193 Background



This preview shows how black text looks on a background with the RYB color 191, 208, 193.



This preview shows how white text looks on a background with the RYB color 191, 208, 193.

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
210, 204, 220

Trichromacy



Original Color

191, 208, 193

Protanomaly

195, 211, 190

Deuteranomaly

222, 207, 192

Tritanomaly

209, 205, 209

Monochromacy



Original Color

191, 208, 193

Achromatopsia

205, 205, 205

Achromatomaly

200, 206, 201

CSS Examples

Text

The CSS property to change the color of the text to RYB 191, 208, 193 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(206, 208, 191) looks like.

```
.text, #text, p{  
    color:rgb(206, 208, 191)  
}
```

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(206, 208, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 208, 191) }
```

Border

The CSS property to change the border of an element to RYB 191, 208, 193 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(206, 208, 191) }
```

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

```
.border{ border-color:rgb(206, 208, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 208, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 208, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 208, 191);  
box-shadow:4px 4px 4px 4px rgb(206, 208,  
191) }
```

Background

The CSS property to change the background color of an element to RYB 191, 208, 193 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 208, 191) }
```

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

```
.background{ background-color: rgb(206,  
208, 191) }
```

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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