

Converting Colors

`RYB(208, 190, 192)`

Have a look what the booklet for RYB(208, 190, 192) contains.

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Color

$\text{RYB}(208, 190, 192)$

Conversions

Conversions Part 1

Format	Color
Hex	D0BEC0
RGB	208, 190, 192
RGB Percent	82%, 75%, 75%
CMY	0.1843, 0.2549, 0.2471
CMYK	0.00, 0.09, 0.08, 0.18
HSL	353°, 16%, 78%
HSV	353°, 9%, 82%
XYZ	53.9403, 54.0426, 57.4575
YIQ	195.6100, 10.0860, 4.4380

Conversions

Conversions Part 2

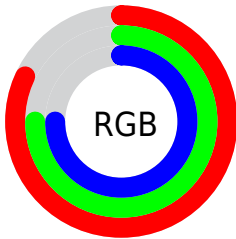
Format	Color
R_{YB}	208, 190, 192
Decimal	13680320
CIE Lab	78.49, 6.69, 1.29
CIE LCh	78, 6.816, 10.900
Yxy	54.0426, 0.3260, 0.3267
Android (android.graphics.Color)	4291870400 (0xFFD0BEC0)
YUV	195.6100, -1.7797, 10.8660
Hunter-Lab	73.5137, 2.3247, 5.1191

Details

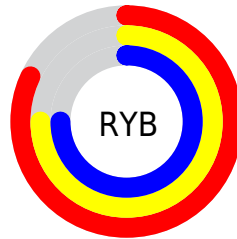
The RYB color **208, 190, 192** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **190, 200, 208**, and the grayscale version is **196, 196, 196**.

A 20% lighter version of the original color is **255, 246, 248**, and **154, 137, 139** is the 20% darker color. If you saturate the color by 10%, you get **208, 169, 174**, and if you desaturate by 10%, it is **208, 210, 211**.

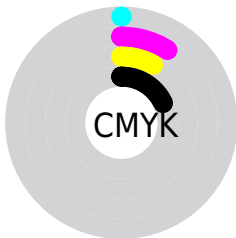
Distribution



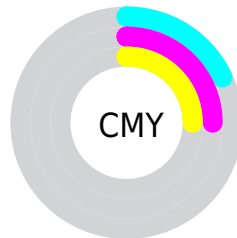
- Red (82%)
- Green (75%)
- Blue (75%)



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



- Cyan (0%)
- Magenta (9%)
- Yellow (8%)
- Black (18%)




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

Brightness & Saturation Gradients

These gradients show how the RYB color 208, 190, 192 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 208, 190, 192 by changing the saturation by 10% instead.


 208, 190, 192

 208, 190, 192

255, 255, 255

 180, 163, 165

 255, 246, 248

 154, 137, 139

 128, 111, 113

 102, 87, 89

 78, 64, 65

 55, 42, 43

 34, 21, 23


 0, 0, 0

 208, 190, 192

 208, 190, 192

 208, 169, 174

 208, 210, 211

 208, 148, 155

 208, 221, 232

 208, 128, 137

 208, 231, 252


 208, 107, 118

 208, 232, 255

 208, 86, 100

 208, 65, 81

 208, 44, 63

 208, 24, 44

 208, 3, 26

Harmonies

Analogous

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



205, 190, 198



208, 190, 192



208, 192, 186

Triad

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



208, 190, 192



185, 196, 191



184, 192, 206

Complementary

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



208, 190, 192



190, 200, 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.



179, 189, 202



208, 190, 192



183, 193, 198

Square

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



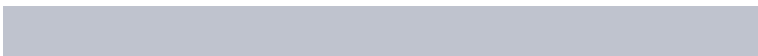
208, 190, 192



186, 197, 182



179, 189, 198



191, 194, 206

Rectangle

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



208, 190, 192



205, 198, 183



179, 189, 198



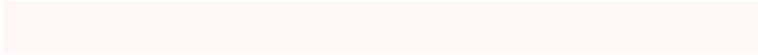
182, 191, 205

Sweetspot

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



208, 190, 192



255, 247, 248



206, 190, 208



128, 122, 123



0, 0, 0



128, 128, 128

Same Dimension

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



208, 190, 192



255, 230, 232



208, 201, 190



105, 94, 95



168, 0, 19



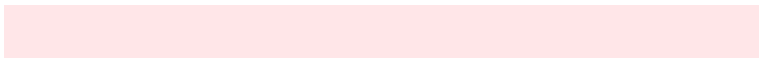
41, 0, 5

Inverse Universe

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



208, 190, 192



255, 230, 232



190, 197, 208



105, 94, 95



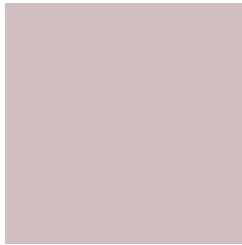
168, 0, 19



41, 0, 5

Previews

White Background



This preview shows how the RYB color 208, 190, 192 looks on a white background.

Color Contrast Check

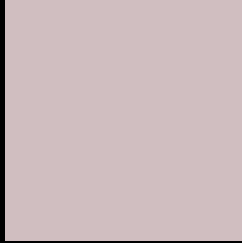
Large Text (above 18pt) WCAG AA × Fail

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 208, 190, 192 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

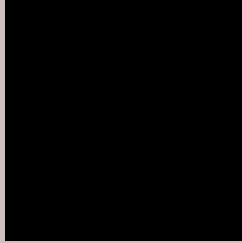
Any Text WCAG AA ✓ Pass

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](#).

RYP 208, 190, 192 Background



This preview shows how black text looks on a background with the RYB color 208, 190, 192.



This preview shows how white text looks on a background with the RYB color 208, 190, 192.

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



Original Color
[208](#), [190](#), [192](#)

Protanopia
[198](#), [193](#), [194](#)

Deuteranopia
[214](#), [188](#), [192](#)



Tritanopia
210, 188, 203

Trichromacy



Original Color

208, 190, 192

Protanomaly

202, 192, 193

Deuteranomaly

212, 189, 192

Tritanomaly

209, 189, 199

Monochromacy



Original Color

208, 190, 192

Achromatopsia

196, 196, 196

Achromatomaly

200, 194, 195

CSS Examples

Text

The CSS property to change the color of the text to RYB 208, 190, 192 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(208, 190, 192) looks like.

```
.text, #text, p{  
    color:rgb(208, 190, 192)  
}
```

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(208, 190, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 190, 192) }
```

Border

The CSS property to change the border of an element to RYB 208, 190, 192 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(208, 190, 192) }
```

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

```
.border{ border-color:rgb(208, 190, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 190, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 190, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 190, 192);  
box-shadow:4px 4px 4px 4px rgb(208, 190,  
192) }
```

Background

The CSS property to change the background color of an element to RYB 208, 190, 192 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 190, 192) }
```

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

```
.background{ background-color: rgb(208,  
190, 192) }
```

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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