

Converting Colors

RGB(242, 191, 200)

Have a look what the booklet for
RGB(242, 191, 200) contains.

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Color

RGB(242, 191, 200)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | F2BFC8 |
| RGB | 242, 191, 200 |
| RGB Percent | 95%, 75%, 78% |
| CMY | 0.0510, 0.2510, 0.2157 |
| CMYK | 0.00, 0.21, 0.17, 0.05 |
| HSL | 349°, 66%, 85% |
| HSV | 349°, 21%, 95% |
| XYZ | 65.6741, 60.3090, 62.8230 |
| YIQ | 207.2750, 27.5070, 13.6110 |

Conversions

Conversions Part 2

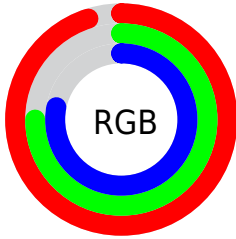
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 242, 191, 200 |
| Decimal | 15908808 |
| CIE _{Lab} | 82.01, 19.59, 2.47 |
| CIE _{LCh} | 82, 19.750, 7.199 |
| Yxy | 60.3090, 0.3478, 0.3194 |
| Android (android.graphics.Color) | 4294098888 (0xFFFF2BFC8) |
| YUV | 207.2750, -3.5866, 30.4538 |
| Hunter-Lab | 77.6589, 15.0498, 6.3979 |

Details

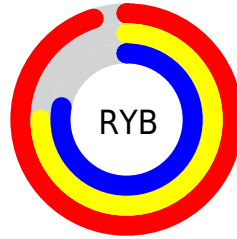
The RGB color **242, 191, 200** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **191, 242, 233**, and the grayscale version is **207, 207, 207**.

A 20% lighter version of the original color is **255, 248, 255**, and **185, 137, 146** is the 20% darker color. If you saturate the color by 10%, you get **242, 167, 180**, and if you desaturate by 10%, it is **242, 215, 220**.

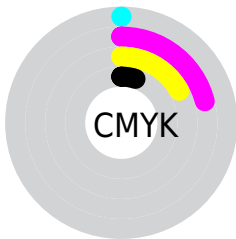
Distribution



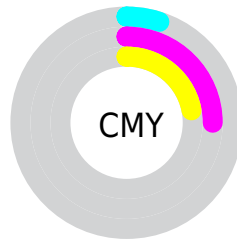
- Red (95%)
- Green (75%)
- Blue (78%)



- Red (95%)
- Yellow (75%)
- Blue (78%)



- Cyan (0%)
- Magenta (21%)
- Yellow (17%)
- Black (5%)



- Cyan (5%)
- Magenta (25%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the RGB color 242, 191, 200 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 RGB color 242, 191, 200 by changing the saturation by 10% instead.


 242, 191, 200

255, 255, 255

 255, 248, 255

 242, 191, 200

 213, 164, 173


 185, 137, 146

 158, 112, 120

 131, 87, 96


 105, 63, 72

 80, 41, 50


 56, 19, 29

 37, 0, 2


 0, 0, 0

 242, 191, 200


 242, 191, 200

 242, 167, 180

 242, 215, 220

 242, 143, 160

 242, 239, 240

 242, 118, 140

 242, 255, 255

 242, 94, 120

 242, 70, 100

 242, 46, 80

 242, 22, 60

 242, 0, 43

Harmonies

Analogous

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



232, 193, 219



242, 191, 200



241, 193, 182

Triad

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



242, 191, 200



193, 210, 174



167, 210, 237

Complementary

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



242, 191, 200



191, 242, 233

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.



155, 214, 226



242, 191, 200



173, 213, 189

Square

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



242, 191, 200



214, 204, 167



158, 215, 208



189, 204, 240

Rectangle

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



242, 191, 200



236, 196, 173



158, 215, 208



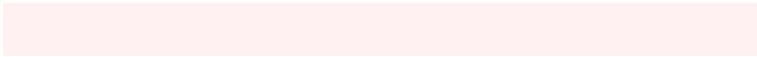
162, 211, 234

Sweetspot

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



242, 191, 200



255, 240, 242



233, 191, 242



128, 119, 120



0, 0, 0



128, 128, 128

Same Dimension

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



242, 191, 200



255, 191, 202



242, 207, 191



120, 108, 110



184, 0, 32



56, 0, 10

Inverse Universe

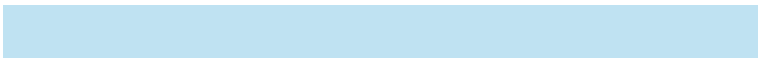
The Inverse Universe completely reimagines the original color for something new.



242, 191, 200



255, 191, 202



191, 226, 242



120, 108, 110



184, 0, 32



56, 0, 10

Previews

White Background



This preview shows how the RGB color 242, 191, 200 looks on a white background.

Color Contrast Check

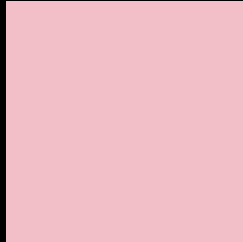
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 242, 191, 200 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](#).

RGB 242, 191, 200 Background



This preview shows how black text looks on a background with the RGB color 242, 191, 200.

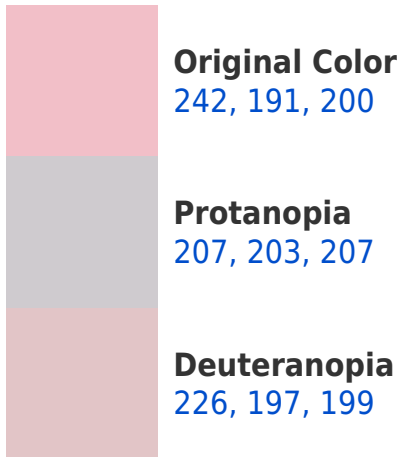



This preview shows how white text looks on a background with the RGB color 242, 191, 200.

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](#).

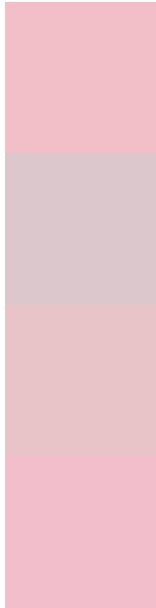
Dichromacy





Tritanopia
243, 190, 205

Trichromacy



Original Color
242, 191, 200

Protanomaly
220, 199, 204

Deuteranomaly
232, 195, 199

Tritanomaly
243, 190, 203

Monochromacy



Original Color
242, 191, 200

Achromatopsia
207, 207, 207

Achromatomaly
220, 201, 204

CSS Examples

Text

The CSS property to change the color of the text to RGB 242, 191, 200 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(242, 191, 200)` looks like.

```
.text, #text, p{  
    color:rgb(242, 191, 200)  
}
```

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(242, 191, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 191, 200) }
```

Border

The CSS property to change the border of an element to RGB 242, 191, 200 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(242, 191, 200) }
```

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

```
.border{ border-color:rgb(242, 191, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 191, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 191, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 191, 200);  
box-shadow:4px 4px 4px 4px rgb(242, 191,  
200) }
```

Background

The CSS property to change the background color of an element to RGB 242, 191, 200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 191, 200) }
```

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

```
.background{ background-color: rgb(242,  
191, 200) }
```

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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