

Converting Colors

RGB(240, 198, 215)

Have a look what the booklet for
RGB(240, 198, 215) contains.

RGB(240, 198, 215)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(240, 198, 215)

Conversions

Conversions Part 1

Format	Color
Hex	F0C6D7
RGB	240, 198, 215
RGB Percent	94%, 78%, 84%
CMY	0.0588, 0.2235, 0.1569
CMYK	0.00, 0.17, 0.10, 0.06
HSL	336°, 58%, 86%
HSV	336°, 17%, 94%
XYZ	68.3950, 63.8197, 73.0036
YIQ	212.4960, 19.5750, 14.1910

Conversions

Conversions Part 2

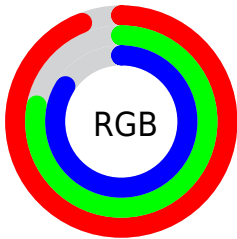
Format	Color
R _Y B	240, 198, 215
Decimal	15779543
CIE Lab	83.87, 17.57, -2.86
CIE LCh	84, 17.804, 350.771
Yxy	63.8197, 0.3333, 0.3110
Android (android.graphics.Color)	4293969623 (0xFFFF0C6D7)
YUV	212.4960, 1.2345, 24.1210
Hunter-Lab	79.8873, 13.0190, 1.7399

Details

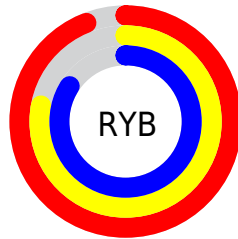
The RGB color **240, 198, 215** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **198, 240, 223**, and the grayscale version is **212, 212, 212**.

A 20% lighter version of the original color is 255, 255, 255, and **184, 144, 160** is the 20% darker color. If you saturate the color by 10%, you get **240, 174, 201**, and if you desaturate by 10%, it is **240, 222, 229**.

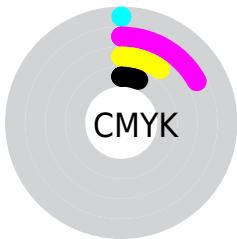
Distribution



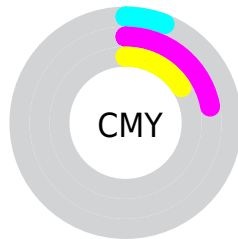
- Red (94%)
- Green (78%)
- Blue (84%)



- Red (94%)
- Yellow (78%)
- Blue (84%)



- Cyan (0%)
- Magenta (17%)
- Yellow (10%)
- Black (6%)




- Cyan (6%)
- Magenta (22%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the RGB color 240, 198, 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 RGB color 240, 198, 215 by changing the saturation by 10% instead.


 240, 198, 215

255, 255, 255


255, 255, 255

 240, 198, 215

 211, 171, 187

 184, 144, 160

 156, 118, 134

 130, 93, 109

 105, 70, 85


 80, 47, 61


 56, 25, 40

 35, 1, 19


 0, 0, 0

 240, 198, 215


 240, 198, 215

 240, 174, 201


 240, 222, 229


 240, 150, 186


 240, 246, 244


 240, 126, 172

 240, 255, 255

 240, 102, 158

 240, 78, 144

 240, 54, 129

 240, 30, 115

 240, 6, 101

 240, 0, 97

Harmonies

Analogous

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



226, 201, 230



240, 198, 215



245, 198, 198

Triad

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



240, 198, 215



210, 212, 178



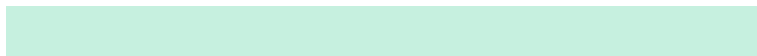
169, 217, 234

Complementary

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



240, 198, 215



198, 240, 223

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.



166, 219, 220



240, 198, 215



191, 216, 188

Square

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



240, 198, 215



228, 206, 176



174, 219, 203



184, 212, 242

Rectangle

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



240, 198, 215



243, 200, 188



174, 219, 203



167, 218, 230

Sweetspot

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



240, 198, 215



255, 242, 247



222, 198, 240



128, 120, 123



0, 0, 0



128, 128, 128

Same Dimension

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



240, 198, 215



255, 201, 223



240, 201, 198



120, 108, 113



184, 0, 74



56, 0, 23

Inverse Universe

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



240, 198, 215



255, 201, 223



198, 236, 240



120, 108, 113



184, 0, 74



56, 0, 23

Previews

White Background



This preview shows how the RGB color 240, 198, 215 looks on a white background.

Color Contrast Check

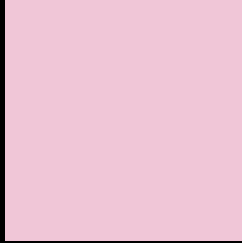
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 240, 198, 215 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

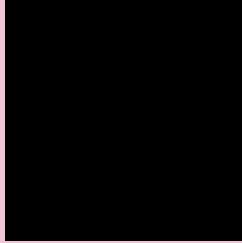
Any Text WCAG AA ✓ Pass

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](#).

RGB 240, 198, 215 Background



This preview shows how black text looks on a background with the RGB color 240, 198, 215.




This preview shows how white text looks on a background with the RGB color 240, 198, 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
240, 198, 214

Trichromacy



Original Color
240, 198, 215

Protanomaly
221, 204, 219

Deuteranomaly
232, 201, 214

Tritanomaly
240, 198, 214

Monochromacy



Original Color
240, 198, 215

Achromatopsia
212, 212, 212

Achromatomaly
222, 207, 213

CSS Examples

Text

The CSS property to change the color of the text to RGB 240, 198, 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(240, 198, 215) looks like.

```
.text, #text, p{  
    color:rgb(240, 198, 215)  
}
```

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(240, 198, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 198, 215) }
```

Border

The CSS property to change the border of an element to RGB 240, 198, 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(240, 198, 215) }
```

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

```
.border{ border-color:rgb(240, 198, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 198, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 198, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 198, 215);  
box-shadow:4px 4px 4px 4px rgb(240, 198,  
215) }
```

Background

The CSS property to change the background color of an element to RGB 240, 198, 215 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 198, 215) }
```

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

```
.background{ background-color: rgb(240,  
198, 215) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor