

Converting Colors

RGB(240, 199, 208)

Have a look what the booklet for
RGB(240, 199, 208) contains.

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Color

RGB(240, 199, 208)

Conversions

Conversions Part 1

Format	Color
Hex	F0C7D0
RGB	240, 199, 208
RGB Percent	94%, 78%, 82%
CMY	0.0588, 0.2196, 0.1843
CMYK	0.00, 0.17, 0.13, 0.06
HSL	347°, 58%, 86%
HSV	347°, 17%, 94%
XYZ	67.7438, 63.9262, 68.4430
YIQ	212.2850, 21.5470, 11.4910

Conversions

Conversions Part 2

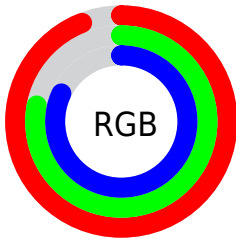
Format	Color
R _Y B	240, 199, 208
Decimal	15779792
CIE Lab	83.93, 15.91, 0.96
CIE LCh	84, 15.937, 3.467
Yxy	63.9262, 0.3385, 0.3195
Android (android.graphics.Color)	4293969872 (0xFFFF0C7D0)
YUV	212.2850, -2.1125, 24.3061
Hunter-Lab	79.9538, 11.3213, 5.2136

Details

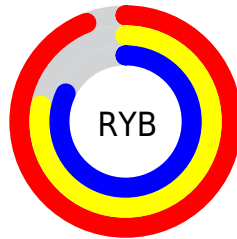
The RGB color **240, 199, 208** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **199, 240, 231**, and the grayscale version is **212, 212, 212**.

A 20% lighter version of the original color is 255, 255, 255, and **184, 145, 154** is the 20% darker color. If you saturate the color by 10%, you get **240, 175, 189**, and if you desaturate by 10%, it is **240, 223, 227**.

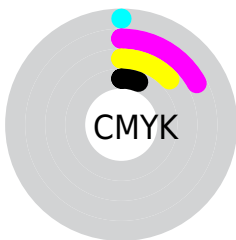
Distribution



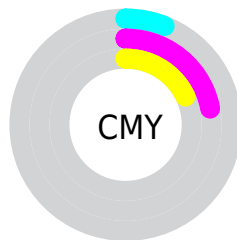
- Red (94%)
- Green (78%)
- Blue (82%)



- Red (94%)
- Yellow (78%)
- Blue (82%)



- Cyan (0%)
- Magenta (17%)
- Yellow (13%)
- Black (6%)




- Cyan (6%)
- Magenta (22%)
- Yellow (18%)


Brightness & Saturation Gradients


These gradients show how the RGB color 240, 199, 208 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, 199, 208 by changing the saturation by 10% instead.

 240, 199, 208


255, 255, 255

 240, 199, 208


 211, 172, 180

 184, 145, 154

 156, 119, 128

 130, 94, 103

 104, 70, 79

 80, 48, 56


 56, 26, 35

 36, 2, 13


 0, 0, 0

 240, 199, 208


 240, 199, 208

 240, 175, 189


 240, 223, 227


 240, 151, 171

 240, 247, 245

 240, 127, 152

 240, 255, 255

 240, 103, 133

 240, 79, 114

 240, 55, 96

 240, 31, 77

 240, 7, 58

 240, 0, 53

Harmonies

Analogous

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



231, 201, 223



240, 199, 208



241, 200, 193

Triad

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



240, 199, 208



203, 213, 184



179, 214, 236

Complementary

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



240, 199, 208



199, 240, 231

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.



171, 217, 225



240, 199, 208



186, 217, 195

Square

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



240, 199, 208



220, 209, 179



174, 218, 211



195, 210, 239

Rectangle

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



240, 199, 208



237, 202, 186



174, 218, 211



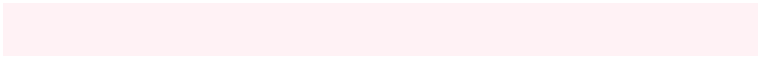
175, 216, 233

Sweetspot

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



240, 199, 208



255, 242, 245



230, 199, 240



128, 120, 122



0, 0, 0



128, 128, 128

Same Dimension

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



240, 199, 208



255, 201, 213



240, 210, 199



120, 108, 110



184, 0, 40



56, 0, 12

Inverse Universe

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



240, 199, 208



255, 201, 213



199, 229, 240



120, 108, 110



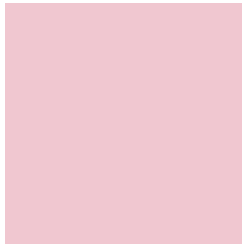
184, 0, 40



56, 0, 12

Previews

White Background



This preview shows how the RGB color 240, 199, 208 looks on a white background.

Color Contrast Check

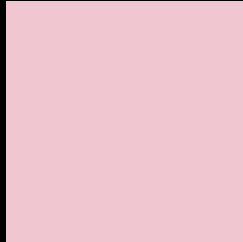
Large Text (above 18pt) WCAG AA × Fail

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, 199, 208 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, 199, 208 Background



This preview shows how black text looks on a background with the RGB color 240, 199, 208.

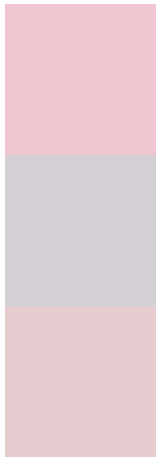


This preview shows how white text looks on a background with the RGB color 240, 199, 208.

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
240, 199, 208

Protanopia
212, 208, 213

Deuteranopia
230, 203, 207



Tritanopia
241, 198, 214

Trichromacy



Original Color
240, 199, 208

Protanomaly
222, 205, 211

Deuteranomaly
234, 202, 207

Tritanomaly
241, 198, 212

Monochromacy



Original Color
240, 199, 208

Achromatopsia
212, 212, 212

Achromatomaly
222, 207, 211

CSS Examples

Text

The CSS property to change the color of the text to RGB 240, 199, 208 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, 199, 208)` looks like.

```
.text, #text, p{  
    color:rgb(240, 199, 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(240, 199, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 199, 208) }
```

Border

The CSS property to change the border of an element to RGB 240, 199, 208 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, 199, 208) }
```

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

```
.border{ border-color:rgb(240, 199, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 199, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 199, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 199, 208);  
box-shadow:4px 4px 4px 4px rgb(240, 199,  
208) }
```

Background

The CSS property to change the background color of an element to RGB 240, 199, 208 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 199, 208) }
```

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

```
.background{ background-color: rgb(240,  
199, 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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