

Converting Colors

RGB(240, 203, 210)

Have a look what the booklet for
RGB(240, 203, 210) contains.

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Color

RGB(240, 203, 210)

Conversions

Conversions Part 1

Format	Color
Hex	F0CBD2
RGB	240, 203, 210
RGB Percent	94%, 80%, 82%
CMY	0.0588, 0.2039, 0.1765
CMYK	0.00, 0.15, 0.13, 0.06
HSL	349°, 55%, 87%
HSV	349°, 15%, 94%
XYZ	68.9240, 65.8903, 70.0582
YIQ	214.8610, 19.8050, 10.0210

Conversions

Conversions Part 2

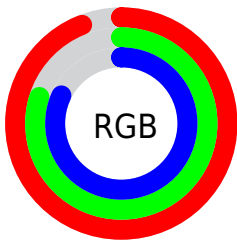
Format	Color
R _Y B	240, 203, 210
Decimal	15780818
CIE Lab	84.94, 14.12, 1.37
CIE LCh	85, 14.186, 5.556
Yxy	65.8903, 0.3364, 0.3216
Android (android.graphics.Color)	4293970898 (0xFFFF0CBD2)
YUV	214.8610, -2.3965, 22.0469
Hunter-Lab	81.1728, 9.5122, 5.6493

Details

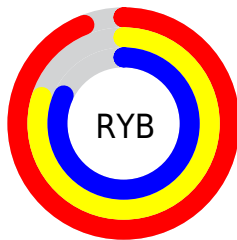
The RGB color **240, 203, 210** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **203, 240, 233**, and the grayscale version is **215, 215, 215**.

A 20% lighter version of the original color is **255, 255, 255**, and **184, 149, 156** is the 20% darker color. If you saturate the color by 10%, you get **240, 179, 191**, and if you desaturate by 10%, it is **240, 227, 229**.

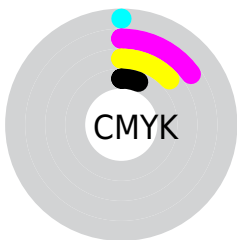
Distribution



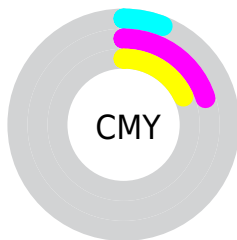
- Red (94%)
- Green (80%)
- Blue (82%)



- Red (94%)
- Yellow (80%)
- Blue (82%)



- Cyan (0%)
- Magenta (15%)
- Yellow (13%)
- Black (6%)



- Cyan (6%)
- Magenta (20%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the RGB color 240, 203, 210 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, 203, 210 by changing the saturation by 10% instead.

■ 240, 203, 210

255, 255, 255

■ 240, 203, 210

■ 211, 176, 182

■ 184, 149, 156

■ 157, 123, 130

■ 130, 98, 104

■ 105, 74, 80

■ 80, 51, 58


■ 57, 30, 36

■ 35, 7, 15


■ 0, 0, 0

 240, 203, 210


 240, 203, 210

 240, 179, 191


 240, 227, 229


 240, 155, 171

 240, 251, 249

 240, 131, 152

 240, 255, 255

 240, 107, 132

 240, 83, 113

 240, 59, 93

 240, 35, 74

 240, 11, 54

 240, 0, 45

Harmonies

Analogous

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



232, 204, 223



240, 203, 210



240, 204, 197

Triad

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



240, 203, 210



205, 216, 190



186, 217, 236

Complementary

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



240, 203, 210



203, 240, 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.



179, 219, 227



240, 203, 210



191, 219, 201

Square

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



240, 203, 210



221, 212, 186



180, 220, 214



201, 212, 239

Rectangle

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



240, 203, 210



236, 206, 190



180, 220, 214



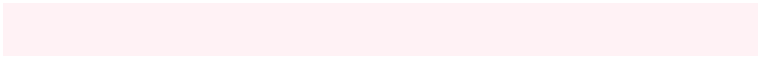
183, 218, 234

Sweetspot

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



240, 203, 210



255, 242, 245



233, 203, 240



128, 120, 121



0, 0, 0



128, 128, 128

Same Dimension

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



240, 203, 210



255, 207, 216



240, 214, 203



120, 108, 110



184, 0, 35



56, 0, 11

Inverse Universe

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



240, 203, 210



255, 207, 216



203, 229, 240



120, 108, 110



184, 0, 35



56, 0, 11

Previews

White Background



This preview shows how the RGB color 240, 203, 210 looks on a white background.

Color Contrast Check

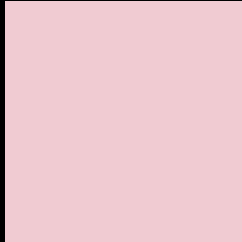
Large Text (above 18pt) WCAG AA × Fail

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, 203, 210 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, 203, 210 Background



This preview shows how black text looks on a background with the RGB color 240, 203, 210.



This preview shows how white text looks on a background with the RGB color 240, 203, 210.

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, 203, 210
	Protanopia 215, 211, 215
	Deuteranopia 234, 205, 210



Tritanopia
241, 202, 218

Trichromacy



Original Color

240, 203, 210

Protanomaly

224, 208, 213

Deuteranomaly

236, 204, 210

Tritanomaly

241, 202, 215

Monochromacy



Original Color

240, 203, 210

Achromatopsia

215, 215, 215

Achromatomaly

224, 211, 213

CSS Examples

Text

The CSS property to change the color of the text to RGB 240, 203, 210 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, 203, 210)` looks like.

```
.text, #text, p{  
    color:rgb(240, 203, 210)  
}
```

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, 203, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 203, 210) }
```

Border

The CSS property to change the border of an element to RGB 240, 203, 210 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, 203, 210) }
```

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

```
.border{ border-color:rgb(240, 203, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 203, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 203, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 203, 210);  
box-shadow:4px 4px 4px 4px rgb(240, 203,  
210) }
```

Background

The CSS property to change the background color of an element to RGB 240, 203, 210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 203, 210) }
```

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

```
.background{ background-color: rgb(240,  
203, 210) }
```

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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