

Converting Colors

RGB(245, 203, 228)

Have a look what the booklet for
RGB(245, 203, 228) contains.

RGB(245, 203, 228)	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(245, 203, 228)

Conversions

Conversions Part 1

Format	Color
Hex	F5CBE4
RGB	245, 203, 228
RGB Percent	96%, 80%, 89%
CMY	0.0392, 0.2039, 0.1059
CMYK	0.00, 0.17, 0.07, 0.04
HSL	324°, 68%, 88%
HSV	324°, 17%, 96%
XYZ	73.0157, 67.7258, 82.6228
YIQ	218.4080, 17.0070, 16.6790

Conversions

Conversions Part 2

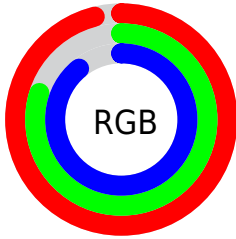
Format	Color
R _Y B	245, 203, 228
Decimal	16108516
CIE Lab	85.87, 18.84, -6.79
CIE LCh	86, 20.020, 340.189
Yxy	67.7258, 0.3269, 0.3032
Android (android.graphics.Color)	4294298596 (0xFFF5CBE4)
YUV	218.4080, 4.7289, 23.3212
Hunter-Lab	82.2957, 14.3542, -1.9187

Details

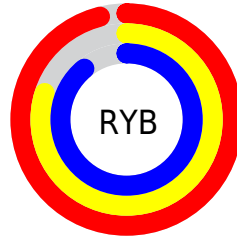
The RGB color **245, 203, 228** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **203, 245, 220**, and the grayscale version is **218, 218, 218**.

A 20% lighter version of the original color is 255, 255, 255, and **188, 149, 173** is the 20% darker color. If you saturate the color by 10%, you get **245, 178, 218**, and if you desaturate by 10%, it is **245, 227, 238**.

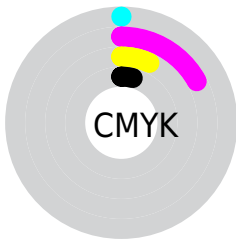
Distribution



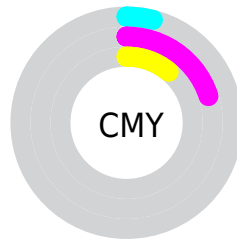
- Red (96%)
- Green (80%)
- Blue (89%)



- Red (96%)
- Yellow (80%)
- Blue (89%)



- Cyan (0%)
- Magenta (17%)
- Yellow (7%)
- Black (4%)



- Cyan (4%)
- Magenta (20%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the RGB color 245, 203, 228 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 245, 203, 228 by changing the saturation by 10% instead.


 245, 203, 228

 245, 203, 228

255, 255, 255

 216, 175, 200


 188, 149, 173

 161, 123, 146

 135, 98, 120

 109, 74, 96

 84, 51, 72

 61, 29, 49

 38, 7, 29

 3, 0, 0

 245, 203, 228


 245, 203, 228

 245, 178, 218


 245, 227, 238

 245, 154, 208


 245, 252, 248


 245, 130, 198

 245, 255, 255

 245, 105, 188

 245, 80, 178

 245, 56, 168

 245, 31, 159

 245, 7, 149

 245, 0, 146

Harmonies

Analogous

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



226, 208, 244



245, 203, 228



254, 202, 209

Triad

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



245, 203, 228



223, 215, 177



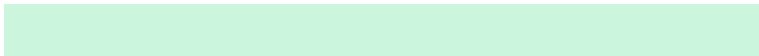
166, 224, 238

Complementary

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



245, 203, 228



203, 245, 220

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.



167, 226, 221



245, 203, 228



201, 221, 185

Square

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



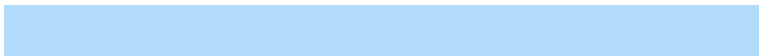
245, 203, 228



241, 209, 180



181, 225, 201



179, 220, 250

Rectangle

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



245, 203, 228



254, 203, 196



181, 225, 201



164, 225, 233

Sweetspot

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



245, 203, 228



255, 242, 250



220, 203, 245



128, 120, 124



0, 0, 0



128, 128, 128

Same Dimension

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



245, 203, 228



255, 201, 233



245, 203, 207



122, 110, 117



186, 0, 111



59, 0, 35

Inverse Universe

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



245, 203, 228



255, 201, 233



203, 245, 241



122, 110, 117



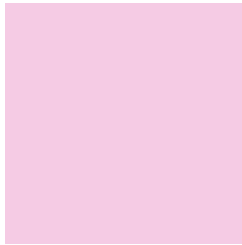
186, 0, 111



59, 0, 35

Previews

White Background



This preview shows how the RGB color 245, 203, 228 looks on a white background.

Color Contrast Check

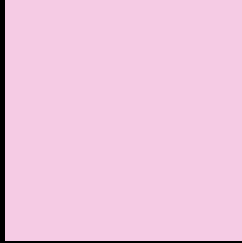
Large Text (above 18pt) WCAG AA × Fail

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 245, 203, 228 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

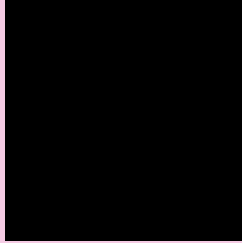
Any Text WCAG AA ✓ Pass

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 245, 203, 228 Background



This preview shows how black text looks on a background with the RGB color 245, 203, 228.



This preview shows how white text looks on a background with the RGB color 245, 203, 228.

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
245, 203, 228

Protanopia
213, 214, 234

Deuteranopia
230, 209, 227



Tritanopia
244, 204, 220

Trichromacy



Original Color
245, 203, 228

Protanomaly
225, 210, 232

Deuteranomaly
235, 207, 227

Tritanomaly
244, 204, 223

Monochromacy



Original Color
245, 203, 228

Achromatopsia
218, 218, 218

Achromatomaly
228, 213, 222

CSS Examples

Text

The CSS property to change the color of the text to RGB 245, 203, 228 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(245, 203, 228)` looks like.

```
.text, #text, p{  
    color:rgb(245, 203, 228)  
}
```

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(245, 203, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 203, 228) }
```

Border

The CSS property to change the border of an element to RGB 245, 203, 228 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(245, 203, 228) }
```

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

```
.border{ border-color:rgb(245, 203, 228) }
```

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

Here you see how a box with a 4 pixel rgb(245, 203, 228) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 203, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 203, 228);  
box-shadow:4px 4px 4px 4px rgb(245, 203,  
228) }
```

Background

The CSS property to change the background color of an element to RGB 245, 203, 228 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 203, 228) }
```

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

```
.background{ background-color: rgb(245,  
203, 228) }
```

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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