Converting Colors

RGB(244, 200, 241)

Have a look what the booklet for RGB(244, 200, 241) contains.

Color

RGB(244, 200, 241)

Conversions

Conversions Part 1

Format	Color
Hex	F4C8F1
RGB	244, 200, 241
RGB Percent	96%, 78%, 95%
CMY	0.0431, 0.2157, 0.0549
CMYK	0.00, 0.18, 0.01, 0.04
HSL	304°, 67%, 87%
HSV	304°, 18%, 96%
XYZ	73.8397, 66.8925, 92.2389
YIQ	217.8300, 13.0630, 22.0790

Conversions

Conversions Part 2

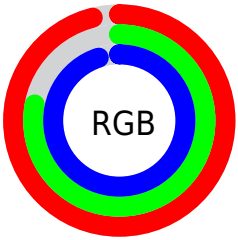
Format	Color
RYB	244, 200, 241
Decimal	16042225
CIELab	85.45, 22.36, -14.33
CIELCh	85, 26.556, 327.349
Yxy	66.8925, 0.3169, 0.2871
Android (android.graphics.Color)	4294232305 (0xFFF4C8F1)
YUV	217.8300, 11.4228, 22.9511
Hunter-Lab	81.7878, 18.0246, -9.6147

Details

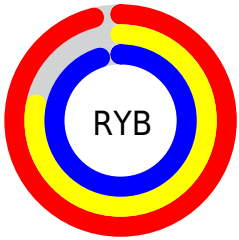
The RGB color 244, 200, 241 is a light color, and the websafe version is hex FFCCFF. A complement of this color would be 200, 244, 203, and the grayscale version is 218, 218, 218.

A 20% lighter version of the original color is 255, 255, 255, and 187, 146, 185 is the 20% darker color. If you saturate the color by 10%, you get 244, 176, 239, and if you desaturate by 10%, it is 244, 224, 243.

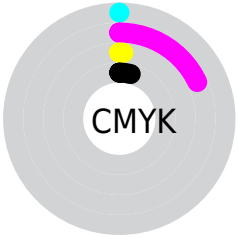
Distribution



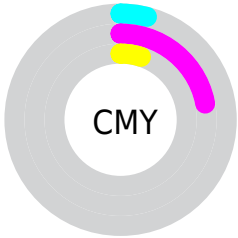
- Red (96%)
- Green (78%)
- Blue (95%)



- Red (96%)
- Yellow (78%)
- Blue (95%)



- Cyan (0%)
- Magenta (18%)
- Yellow (1%)
- Black (4%)



- Cyan (4%)
- Magenta (22%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the RGB color 244, 200, 241 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 244, 200, 241 by changing the saturation by 10% instead.

244, 200, 241	244, 200, 241
255, 255, 255	215, 173, 213
	187, 146, 185
	160, 120, 158
	134, 95, 132
	108, 71, 107
	83, 48, 82
	60, 26, 59
	37, 3, 37
	0, 0, 15

244, 200, 241	244, 200, 241
244, 176, 239	244, 224, 243
244, 151, 238	244, 249, 244
244, 127, 236	244, 255, 246
244, 102, 234	244, 255, 248
244, 78, 233	244, 255, 249
244, 54, 231	244, 255, 251
244, 29, 229	244, 255, 253
244, 5, 228	244, 255, 254
244, 0, 227	244, 255, 255

Harmonies

Analogous

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

215, 208, 255

244, 200, 241

255, 196, 217

Triad

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

244, 200, 241

235, 211, 164

142, 227, 236

Complementary

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

244, 200, 241

200, 244, 203

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.

154, 228, 210

244, 200, 241

208, 219, 169

Square

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

244, 200, 241

255, 203, 172

179, 225, 186

152, 223, 255

Rectangle

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

244, 200, 241

255, 196, 200

179, 225, 186

144, 228, 228

Sweetspot

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

244, 200, 241

255, 242, 254

203, 200, 244

128, 120, 127

0, 0, 0

128, 128, 128

Same Dimension

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

244, 200, 241

255, 199, 251

244, 200, 219

122, 110, 122

186, 0, 173

59, 0, 55

Inverse Universe

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

244, 200, 241

255, 199, 251

200, 244, 225

122, 110, 122

186, 0, 173

59, 0, 55

Previews

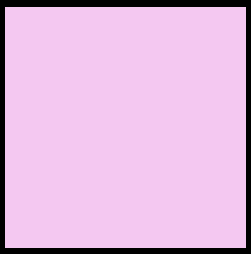
White Background

This preview shows how the RGB color 244, 200, 241 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



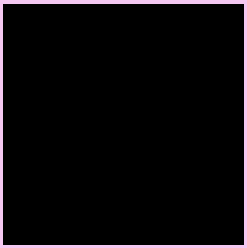
This preview shows how the RGB color 244, 200, 241 looks on a black background.

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 244, 200, 241 Background



This preview shows how black text looks on a background with the RGB color 244, 200, 241.

This preview shows how white text looks on a background with the RGB color 244, 200, 241.

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
244, 200, 241

Protanopia
207, 212, 249

Deuteranopia
223, 208, 239

Tritanopia
241, 204, 220

Trichromacy

Original Color
244, 200, 241

Protanomaly
220, 208, 246

Deuteranomaly
231, 205, 240

Tritanomaly
242, 203, 228

Monochromacy

Original Color
244, 200, 241

Achromatopsia
218, 218, 218

Achromatomaly
227, 211, 226

CSS Examples

Text

The CSS property to change the color of the text to RGB 244, 200, 241 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(244, 200, 241) looks like.

```
.text, #text, p{
    color:rgb(244, 200, 241)
}
```

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(244, 200, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 200, 241) }
```

Border

The CSS property to change the border of an element to RGB 244, 200, 241 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(244, 200, 241) }
```

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

```
.border{ border-color:rgb(244, 200, 241) }
```

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

Here you see how a box with a 4 pixel rgb(244, 200, 241) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(244, 200, 241); -webkit-box-shadow:4px 4px 4px 4px rgb(244, 200, 241); box-shadow:4px 4px 4px 4px rgb(244, 200, 241) }
```

Background

The CSS property to change the background color of an element to RGB 244, 200, 241 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(244, 200, 241) }
```

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

```
.background{ background-color:rgb(244,
200, 241) }
```

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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