Converting Colors

RGB(247, 209, 231)

Have a look what the booklet for RGB(247, 209, 231) contains.

Color

RGB(247, 209, 231)

Conversions

Conversions Part 1

Format	Color
Hex	F7D1E7
RGB	247, 209, 231
RGB Percent	97%, 82%, 91%
CMY	0.0314, 0.1804, 0.0941
CMYK	0.00, 0.15, 0.06, 0.03
HSL	325°, 70%, 89%
HSV	325°, 15%, 97%
XYZ	75.5820, 71.1446, 85.3500
YIQ	222.8700, 15.5860, 14.8980

Conversions

Conversions Part 2

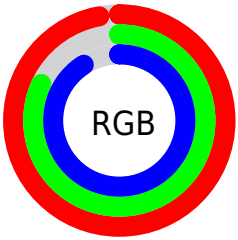
Format	Color
RYB	247, 209, 231
Decimal	16241127
CIELab	87.56, 16.87, -5.86
CIELCh	88, 17.861, 340.835
Yxy	71.1446, 0.3257, 0.3066
Android (android.graphics.Color)	4294431207 (0xFFF7D1E7)
YUV	222.8700, 4.0081, 21.1620
Hunter-Lab	84.3473, 12.3429, -0.9518

Details

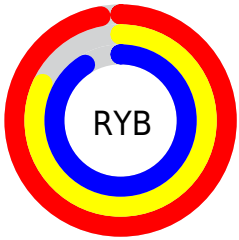
The RGB color 247, 209, 231 is a light color, and the websafe version is hex FFCCCC. A complement of this color would be 209, 247, 225, and the grayscale version is 223, 223, 223.

A 20% lighter version of the original color is 255, 255, 255, and 190, 154, 175 is the 20% darker color. If you saturate the color by 10%, you get 247, 184, 221, and if you desaturate by 10%, it is 247, 234, 241.

Distribution

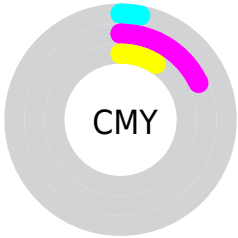


- Red (97%)
- Green (82%)
- Blue (91%)



- Red (97%)
- Yellow (82%)
- Blue (91%)

- Cyan (0%)
- Magenta (15%)
- Yellow (6%)
- Black (3%)



- Cyan (3%)
- Magenta (18%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the RGB color 247, 209, 231 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 247, 209, 231 by changing the saturation by 10% instead.

247, 209, 231

255, 255, 255

247, 209, 231

218, 181, 203

190, 154, 175

163, 128, 149

137, 103, 123

111, 79, 98

86, 56, 74

63, 34, 52

40, 13, 31

14, 0, 4

247, 209, 231

247, 184, 221

247, 160, 210

247, 135, 200

247, 110, 189

247, 86, 179

247, 61, 169

247, 36, 158

247, 11, 148

247, 0, 143

247, 209, 231

247, 234, 241

247, 255, 252

247, 255, 255

Harmonies

Analogous

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

230, 213, 245

247, 209, 231

255, 208, 214

Triad

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

247, 209, 231

227, 220, 186

177, 228, 241

Complementary

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

247, 209, 231

209, 247, 225

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.

177, 230, 225

247, 209, 231

207, 225, 193

Square

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

247, 209, 231

243, 215, 188

189, 229, 208

189, 224, 251

Rectangle

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

247, 209, 231

255, 209, 203

189, 229, 208

175, 229, 236

Sweetspot

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

247, 209, 231

255, 242, 250

225, 209, 247

128, 120, 124

0, 0, 0

128, 128, 128

Same Dimension

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

247, 209, 231

255, 209, 236

247, 209, 212

122, 110, 117

186, 0, 108

59, 0, 34

Inverse Universe

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

247, 209, 231

255, 209, 236

209, 247, 244

122, 110, 117

186, 0, 108

59, 0, 34

Previews

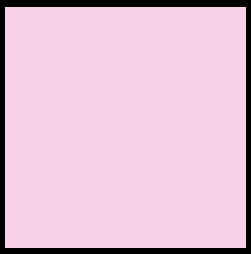
White Background

This preview shows how the RGB color 247, 209, 231 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



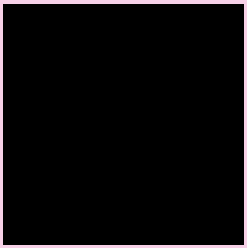
This preview shows how the RGB color 247, 209, 231 looks on a black background.

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 247, 209, 231 Background



This preview shows how black text looks on a background with the RGB color 247, 209, 231.

This preview shows how white text looks on a background with the RGB color 247, 209, 231.

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
247, 209, 231

Protanopia
219, 218, 237

Deuteranopia
236, 213, 230

Tritanopia
246, 210, 226

Trichromacy

Original Color
247, 209, 231

Protanomaly
229, 215, 235

Deuteranomaly
240, 212, 230

Tritanomaly
246, 210, 228

Monochromacy

Original Color
247, 209, 231

Achromatopsia
223, 223, 223

Achromatomaly
232, 218, 226

CSS Examples

Text

The CSS property to change the color of the text to RGB 247, 209, 231 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(247, 209, 231) looks like.

```
.text, #text, p{
    color:rgb(247, 209, 231)
}
```

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(247, 209, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 209, 231) }
```

Border

The CSS property to change the border of an element to RGB 247, 209, 231 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(247, 209, 231) }
```

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

```
.border{ border-color:rgb(247, 209, 231) }
```

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

Here you see how a box with a 4 pixel rgb(247, 209, 231) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(247, 209, 231); -webkit-box-shadow:4px 4px 4px 4px rgb(247, 209, 231); box-shadow:4px 4px 4px 4px rgb(247, 209, 231) }
```

Background

The CSS property to change the background color of an element to RGB 247, 209, 231 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(247, 209, 231) }
```

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

```
.background{ background-color:rgb(247,
209, 231) }
```

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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