Converting Colors

RGB(249, 191, 232)

Have a look what the booklet for RGB(249, 191, 232) contains.

Color

RGB(249, 191, 232)

Conversions

Conversions Part 1

Format	Color
Hex	F9BFE8
RGB	249, 191, 232
RGB Percent	98%, 75%, 91%
CMY	0.0235, 0.2510, 0.0902
CMYK	0.00, 0.23, 0.07, 0.02
HSL	318°, 83%, 86%
HSV	318°, 23%, 98%
XYZ	72.2632, 63.2275, 84.7394
YIQ	213.0160, 21.4070, 25.0470

Conversions

Conversions Part 2

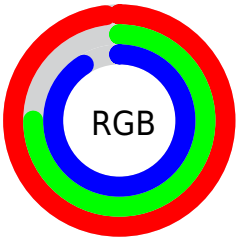
Format	Color
RYB	249, 191, 232
Decimal	16367592
CIELab	83.56, 27.20, -12.31
CIELCh	84, 29.857, 335.655
Yxy	63.2275, 0.3281, 0.2871
Android (android.graphics.Color)	4294557672 (0xFFF9BFE8)
YUV	213.0160, 9.3591, 31.5580
Hunter-Lab	79.5157, 23.0667, -7.5239

Details

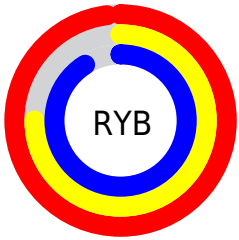
The RGB color 249, 191, 232 is a light color, and the websafe version is hex FFCCFF. A complement of this color would be 191, 249, 208, and the grayscale version is 213, 213, 213.

A 20% lighter version of the original color is 255, 248, 255, and 192, 137, 176 is the 20% darker color. If you saturate the color by 10%, you get 249, 166, 225, and if you desaturate by 10%, it is 249, 216, 239.

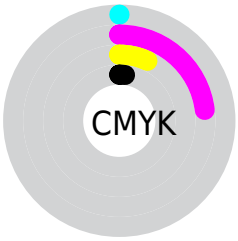
Distribution



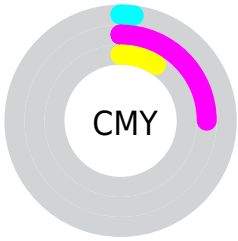
- Red (98%)
- Green (75%)
- Blue (91%)



- Red (98%)
- Yellow (75%)
- Blue (91%)



- Cyan (0%)
- Magenta (23%)
- Yellow (7%)
- Black (2%)



- Cyan (2%)
- Magenta (25%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the RGB color 249, 191, 232 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 249, 191, 232 by changing the saturation by 10% instead.

249, 191, 232

255, 255, 255

255, 248, 255

249, 191, 232

220, 164, 204

192, 137, 176

164, 111, 150

138, 86, 124

112, 62, 99

86, 39, 75

62, 16, 52

40, 0, 31

0, 0, 3

249, 191, 232	249, 191, 232
249, 166, 225	249, 216, 239
249, 141, 217	249, 241, 247
249, 116, 210	249, 255, 254
249, 91, 203	249, 255, 255
249, 67, 196	
249, 42, 188	
249, 17, 181	
249, 0, 176	

Harmonies

Analogous

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

219, 199, 254

249, 191, 232

255, 188, 204

Triad

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

249, 191, 232

224, 208, 152

125, 223, 240

Complementary

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

249, 191, 232

191, 249, 208

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.

134, 224, 213

249, 191, 232

193, 216, 162

Square

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

249, 191, 232

249, 199, 158

160, 222, 184

144, 217, 255

Rectangle

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

249, 191, 232

255, 189, 185

160, 222, 184

125, 224, 232

Sweetspot

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

249, 191, 232

255, 237, 250

207, 191, 249

128, 117, 125

0, 0, 0

128, 128, 128

Same Dimension

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

249, 191, 232

255, 184, 234

249, 191, 204

125, 112, 121

189, 0, 133

61, 0, 43

Inverse Universe

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

249, 191, 232

255, 184, 234

191, 249, 236

125, 112, 121

189, 0, 133

61, 0, 43

Previews

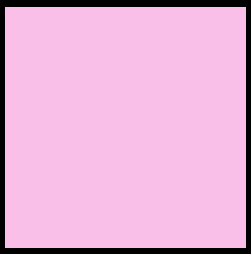
White Background

This preview shows how the RGB color 249, 191, 232 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



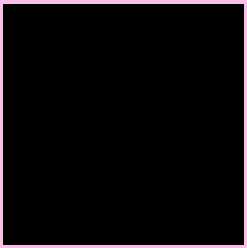
This preview shows how the RGB color 249, 191, 232 looks on a black background.

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 249, 191, 232 Background



This preview shows how black text looks on a background with the RGB color 249, 191, 232.

This preview shows how white text looks on a background with the RGB color 249, 191, 232.

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
249, 191, 232

Protanopia
202, 207, 242

Deuteranopia
219, 203, 230

Tritanopia
246, 195, 210

Trichromacy

Original Color
249, 191, 232

Protanomaly
219, 201, 238

Deuteranomaly
230, 199, 231

Tritanomaly
247, 194, 218

Monochromacy

Original Color
249, 191, 232

Achromatopsia
213, 213, 213

Achromatomaly
226, 205, 220

CSS Examples

Text

The CSS property to change the color of the text to RGB 249, 191, 232 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(249, 191, 232) looks like.

```
.text, #text, p{
    color:rgb(249, 191, 232)
}
```

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(249, 191, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 191, 232) }
```

Border

The CSS property to change the border of an element to RGB 249, 191, 232 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(249, 191, 232) }
```

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

```
.border{ border-color:rgb(249, 191, 232) }
```

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

Here you see how a box with a 4 pixel rgb(249, 191, 232) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(249, 191, 232); -webkit-box-shadow:4px 4px 4px 4px rgb(249, 191, 232); box-shadow:4px 4px 4px 4px rgb(249, 191, 232) }
```

Background

The CSS property to change the background color of an element to RGB 249, 191, 232 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(249, 191, 232) }
```

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

```
.background{ background-color:rgb(249,
191, 232) }
```

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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