Converting Colors

RGB(251, 176, 249)

Have a look what the booklet for RGB(251, 176, 249) contains.

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Color

RGB(251, 176, 249)

Conversions

Conversions Part 1

Format	Color
Hex	FBB0F9
RGB	251, 176, 249
RGB Percent	98%, 69%, 98%
CMY	0.0157, 0.3098, 0.0235
CMYK	0.00, 0.30, 0.01, 0.02
HSL	302°, 90%, 84%
HSV	302°, 30%, 98%
XYZ	72.4079, 58.3995, 97.0784
YIQ	206.7470, 21.2670, 38.6030

Conversions

Conversions Part 2

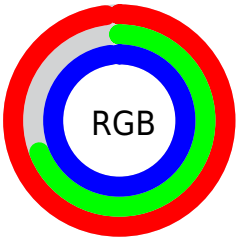
Format	Color
RYB	251, 176, 249
Decimal	16494841
CIELab	80.96, 38.72, -25.32
CIELCh	81, 46.264, 326.817
Yxy	58.3995, 0.3177, 0.2563
Android (android.graphics.Color)	4294684921 (0xFFFBB0F9)
YUV	206.7470, 20.8307, 38.8099
Hunter-Lab	76.4195, 35.3954, -21.8245

Details

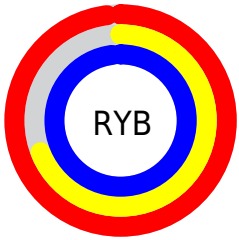
The RGB color 251, 176, 249 is a light color, and the websafe version is hex FFCCFF. A complement of this color would be 176, 251, 178, and the grayscale version is 207, 207, 207.

A 20% lighter version of the original color is 255, 232, 255, and 193, 122, 192 is the 20% darker color. If you saturate the color by 10%, you get 251, 151, 248, and if you desaturate by 10%, it is 251, 201, 250.

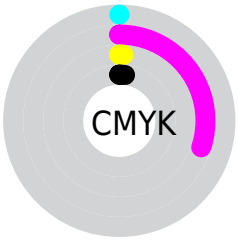
Distribution



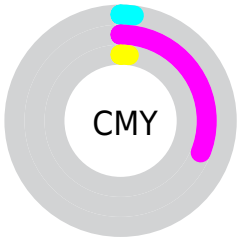
- Red (98%)
- Green (69%)
- Blue (98%)



- Red (98%)
- Yellow (69%)
- Blue (98%)



- Cyan (0%)
- Magenta (30%)
- Yellow (1%)
- Black (2%)



- Cyan (2%)
- Magenta (31%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the RGB color 251, 176, 249 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 251, 176, 249 by changing the saturation by 10% instead.

251, 176, 249	251, 176, 249
255, 255, 255	222, 149, 220
255, 232, 255	193, 122, 192
	166, 96, 165
	138, 71, 139
	112, 47, 113
	86, 21, 88
	61, 0, 65
	41, 0, 43
	0, 1, 20

251, 176, 249	251, 176, 249
251, 151, 248	251, 201, 250
251, 126, 248	251, 226, 250
251, 101, 247	251, 251, 251
251, 76, 246	251, 255, 252
251, 51, 246	251, 255, 252
251, 25, 245	251, 255, 253
251, 0, 244	251, 255, 254
251, 0, 244	251, 255, 254
	251, 255, 255

Harmonies

Analogous

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

199, 192, 255

251, 176, 249

255, 167, 207

Triad

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

251, 176, 249

233, 197, 114

0, 223, 239

Complementary

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

251, 176, 249

176, 251, 178

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.

72, 224, 195

251, 176, 249

189, 210, 122

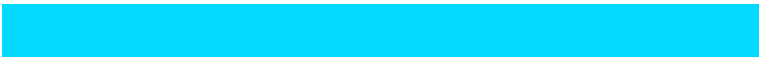
Square

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

251, 176, 249

255, 182, 130

138, 219, 152



4, 218, 255

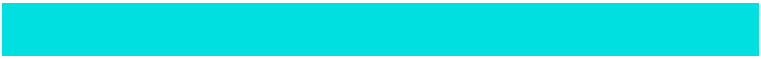
Rectangle

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

251, 176, 249

255, 167, 178

138, 219, 152



0, 224, 225

Sweetspot

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

251, 176, 249

255, 232, 254

177, 176, 251

128, 113, 127

0, 0, 0

128, 128, 128

Same Dimension

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

251, 176, 249

255, 163, 253

251, 176, 212

125, 112, 125

189, 0, 184

61, 0, 60

Inverse Universe

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

251, 176, 249

255, 163, 253

176, 251, 215

125, 112, 125

189, 0, 184

61, 0, 60

Previews

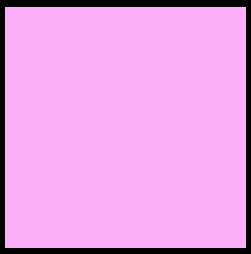
White Background

This preview shows how the RGB color 251, 176, 249 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



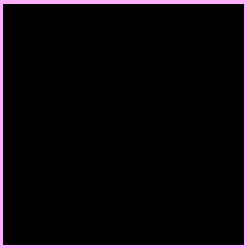
This preview shows how the RGB color 251, 176, 249 looks on a black background.

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 251, 176, 249 Background



This preview shows how black text looks on a background with the RGB color 251, 176, 249.

This preview shows how white text looks on a background with the RGB color 251, 176, 249.

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
251, 176, 249

Protanopia
187, 199, 255

Deuteranopia
199, 197, 245

Tritanopia
244, 185, 200

Trichromacy

Original Color
251, 176, 249

Protanomaly
210, 191, 253

Deuteranomaly
218, 189, 246

Tritanomaly
247, 182, 218

Monochromacy

Original Color
251, 176, 249

Achromatopsia
207, 207, 207

Achromatomaly
223, 196, 222

CSS Examples

Text

The CSS property to change the color of the text to RGB 251, 176, 249 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(251, 176, 249) looks like.

```
.text, #text, p{
    color:rgb(251, 176, 249)
}
```

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(251, 176, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 176, 249) }
```

Border

The CSS property to change the border of an element to RGB 251, 176, 249 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(251, 176, 249) }
```

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

```
.border{ border-color:rgb(251, 176, 249) }
```

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

Here you see how a box with a 4 pixel rgb(251, 176, 249) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(251, 176, 249); -webkit-box-shadow:4px 4px 4px 4px rgb(251, 176, 249); box-shadow:4px 4px 4px 4px rgb(251, 176, 249) }
```

Background

The CSS property to change the background color of an element to RGB 251, 176, 249 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(251, 176, 249) }
```

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

```
.background{ background-color:rgb(251,
176, 249) }
```

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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