

Converting Colors

RGB(241, 175, 227)

Have a look what the booklet for
RGB(241, 175, 227) contains.

RGB(241, 175, 227)	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(241, 175, 227)

Conversions

Conversions Part 1

Format	Color
Hex	F1AFE3
RGB	241, 175, 227
RGB Percent	95%, 69%, 89%
CMY	0.0549, 0.3137, 0.1098
CMYK	0.00, 0.27, 0.06, 0.05
HSL	313°, 70%, 82%
HSV	313°, 27%, 95%
XYZ	65.4707, 54.9068, 79.8204
YIQ	200.6620, 22.6440, 30.1640

Conversions

Conversions Part 2

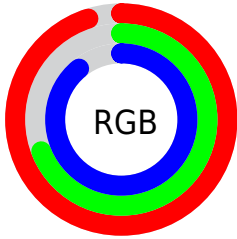
Format	Color
R_{YB}	241, 175, 227
Decimal	15839203
CIE _{Lab}	78.99, 32.15, -16.56
CIE _{LCh}	79, 36.164, 332.741
Yxy	54.9068, 0.3270, 0.2743
Android (android.graphics.Color)	4294029283 (0xFFFF1AFE3)
YUV	200.6620, 12.9846, 35.3764
Hunter-Lab	74.0991, 28.0414, -11.9985

Details

The RGB color **241, 175, 227** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **175, 241, 189**, and the grayscale version is **201, 201, 201**.

A 20% lighter version of the original color is **255, 231, 255**, and **184, 122, 172** is the 20% darker color. If you saturate the color by 10%, you get **241, 151, 222**, and if you desaturate by 10%, it is **241, 199, 232**.

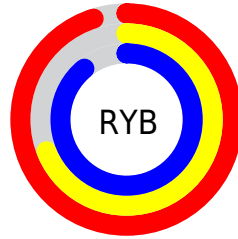
Distribution



Red (95%)

Green (69%)

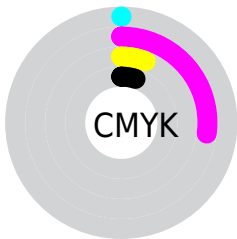
Blue (89%)



Red (95%)

Yellow (69%)

Blue (89%)

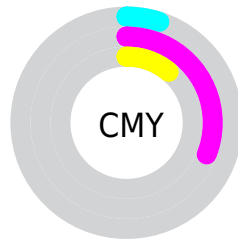


Cyan (0%)

Magenta (27%)

Yellow (6%)

Black (5%)



Cyan (5%)


Magenta (31%)


Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the RGB color 241, 175, 227 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 241, 175, 227 by changing the saturation by 10% instead.


 241, 175, 227

 241, 175, 227

255, 255, 255

 212, 148, 199

 255, 231, 255

 184, 122, 172

 157, 96, 145

 130, 72, 119

 104, 48, 94

 79, 24, 71

 55, 0, 48

 35, 0, 28

 0, 0, 0

■ 241, 175, 227

■ 241, 175, 227

■ 241, 151, 222

■ 241, 199, 232

■ 241, 127, 217

■ 241, 223, 237

■ 241, 103, 212

■ 241, 247, 242

■ 241, 79, 207

■ 241, 255, 247

■ 241, 54, 201

■ 241, 255, 253

■ 241, 30, 196

■ 241, 255, 255

■ 241, 6, 191

■ 241, 0, 190

Harmonies

Analogous

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



204, 186, 252



241, 175, 227



255, 170, 194

Triad

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



241, 175, 227



216, 194, 128



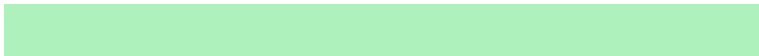
80, 213, 231

Complementary

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



241, 175, 227



175, 241, 189

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.



101, 214, 198



241, 175, 227



180, 204, 138

Square

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



241, 175, 227



244, 183, 137



140, 211, 164



104, 207, 255

Rectangle

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



241, 175, 227



255, 171, 171



140, 211, 164



83, 214, 220

Sweetspot

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



241, 175, 227



255, 235, 251



188, 175, 241



128, 115, 125



0, 0, 0



128, 128, 128

Same Dimension

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



241, 175, 227



255, 171, 237



241, 175, 195



120, 108, 117



184, 0, 145



56, 0, 44

Inverse Universe

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



241, 175, 227



255, 171, 237



175, 241, 221



120, 108, 117



184, 0, 145



56, 0, 44

Previews

White Background



This preview shows how the RGB color 241, 175, 227 looks on a white background.

Color Contrast Check

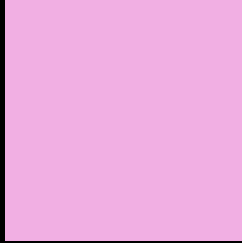
Large Text (above 18pt) WCAG AA × Fail

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 241, 175, 227 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 241, 175, 227 Background



This preview shows how black text looks on a background with the RGB color 241, 175, 227.



This preview shows how white text looks on a background with the RGB color 241, 175, 227.

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
241, 175, 227

Protanopia
185, 194, 240

Deuteranopia
202, 191, 224



Tritanopia
237, 181, 195

Trichromacy



Original Color

241, 175, 227



Protanomaly

205, 187, 235



Deuteranomaly

216, 185, 225



Tritanomaly

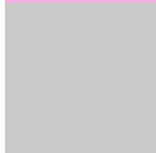
238, 179, 207

Monochromacy



Original Color

241, 175, 227



Achromatopsia

201, 201, 201



Achromatomaly

216, 192, 210

CSS Examples

Text

The CSS property to change the color of the text to RGB 241, 175, 227 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(241, 175, 227) looks like.

```
.text, #text, p{  
    color:rgb(241, 175, 227)  
}
```

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(241, 175, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 175, 227) }
```

Border

The CSS property to change the border of an element to RGB 241, 175, 227 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(241, 175, 227) }
```

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

```
.border{ border-color:rgb(241, 175, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 175, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 175, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 175, 227);  
box-shadow:4px 4px 4px 4px rgb(241, 175,  
227) }
```

Background

The CSS property to change the background color of an element to RGB 241, 175, 227 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 175, 227) }
```

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

```
.background{ background-color: rgb(241,  
175, 227) }
```

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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