

Converting Colors

RGB(234, 183, 239)

Have a look what the booklet for
RGB(234, 183, 239) contains.

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Color

RGB(234, 183, 239)

Conversions

Conversions Part 1

Format	Color
Hex	EAB7EF
RGB	234, 183, 239
RGB Percent	92%, 72%, 94%
CMY	0.0824, 0.2824, 0.0627
CMYK	0.02, 0.23, 0.00, 0.06
HSL	295°, 64%, 83%
HSV	295°, 23%, 94%
XYZ	66.4452, 57.5914, 89.2756
YIQ	204.6330, 12.4200, 28.2280

Conversions

Conversions Part 2

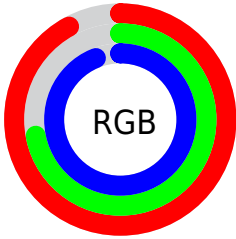
Format	Color
R_YB	234, 183, 239
Decimal	15382511
CIE _{Lab}	80.51, 27.76, -20.79
CIE _{LCh}	81, 34.685, 323.166
Yxy	57.5914, 0.3115, 0.2700
Android (android.graphics.Color)	4293572591 (0xFFEAB7EF)
YUV	204.6330, 16.9429, 25.7549
Hunter-Lab	75.8890, 23.4812, -16.6263

Details

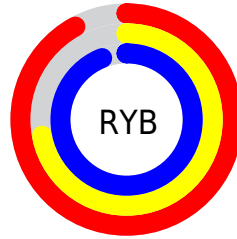
The RGB color `234, 183, 239` is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be `188, 239, 183`, and the grayscale version is `204, 204, 204`.

A 20% lighter version of the original color is `255, 239, 255`, and `178, 130, 183` is the 20% darker color. If you saturate the color by 10%, you get `232, 159, 239`, and if you desaturate by 10%, it is `236, 207, 239`.

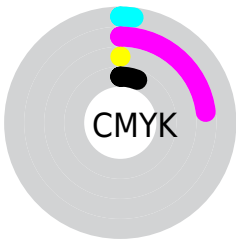
Distribution



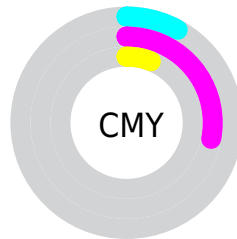
- Red (92%)
- Green (72%)
- Blue (94%)



- Red (92%)
- Yellow (72%)
- Blue (94%)



- Cyan (2%)
- Magenta (23%)
- Yellow (0%)
- Black (6%)




- Cyan (8%)
- Magenta (28%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the RGB color 234, 183, 239 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 234, 183, 239 by changing the saturation by 10% instead.

 234, 183, 239


 234, 183, 239

255, 255, 255

 206, 156, 211


 255, 239, 255


 178, 130, 183

 151, 104, 156

 124, 79, 130


 99, 56, 105

 74, 33, 80

 50, 10, 57

 32, 0, 36


 0, 0, 11

 234, 183, 239

 234, 183, 239

 232, 159, 239

 236, 207, 239

 230, 135, 239


 238, 231, 239

 228, 111, 239


 240, 255, 239

 225, 87, 239

 243, 255, 239

 223, 63, 239


 245, 255, 239

 221, 40, 239

 247, 255, 239

 219, 16, 239

 249, 255, 239

 218, 0, 239

 251, 255, 239

 253, 255, 239

Harmonies

Analogous

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



194, 194, 255



234, 183, 239



255, 176, 209

Triad

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



234, 183, 239



229, 195, 136



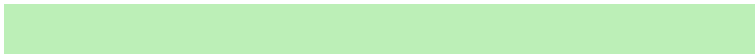
95, 217, 224

Complementary

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



234, 183, 239



188, 239, 183

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.



122, 217, 191



234, 183, 239



196, 206, 140

Square

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



234, 183, 239



254, 184, 149



159, 213, 160



104, 213, 251

Rectangle

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



234, 183, 239



255, 176, 186



159, 213, 160



101, 218, 213

Sweetspot

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



234, 183, 239



253, 237, 255



183, 189, 239



127, 117, 128



0, 0, 0



128, 128, 128

Same Dimension

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



234, 183, 239



249, 184, 255



239, 183, 217



119, 108, 120



167, 0, 184



51, 0, 56

Inverse Universe

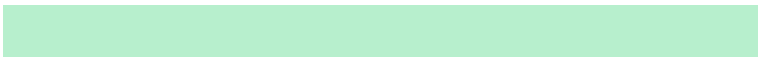
The Inverse Universe completely reimagines the original color for something new.



239, 183, 188



255, 184, 190



183, 239, 205



120, 108, 109



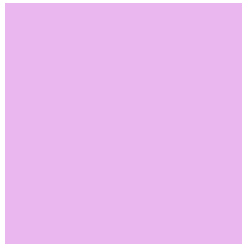
184, 0, 16



56, 0, 5

Previews

White Background



This preview shows how the RGB color 234, 183, 239 looks on a white background.

Color Contrast Check

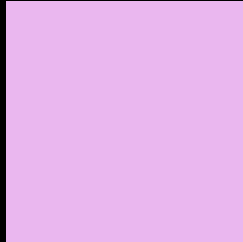
Large Text (above 18pt) WCAG AA × Fail

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 234, 183, 239 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

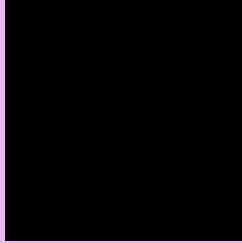
Any Text WCAG AA ✓ Pass

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 234, 183, 239 Background



This preview shows how black text looks on a background with the RGB color 234, 183, 239.

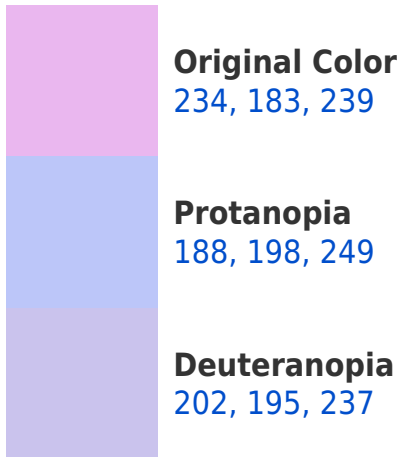



This preview shows how white text looks on a background with the RGB color 234, 183, 239.

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





Tritanopia
229, 189, 204

Trichromacy



Original Color

234, 183, 239



Protanomaly

205, 193, 245



Deuteranomaly

214, 191, 238



Tritanomaly

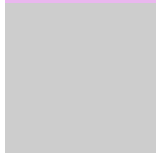
231, 187, 217

Monochromacy



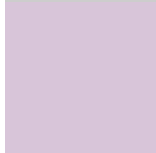
Original Color

234, 183, 239



Achromatopsia

205, 205, 205



Achromatomaly

216, 197, 217

CSS Examples

Text

The CSS property to change the color of the text to RGB 234, 183, 239 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(234, 183, 239)` looks like.

```
.text, #text, p{  
    color:rgb(234, 183, 239)  
}
```

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(234, 183, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 183, 239) }
```

Border

The CSS property to change the border of an element to RGB 234, 183, 239 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(234, 183, 239) }
```

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

```
.border{ border-color:rgb(234, 183, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 183, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 183, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 183, 239);  
box-shadow:4px 4px 4px 4px rgb(234, 183,  
239) }
```

Background

The CSS property to change the background color of an element to RGB 234, 183, 239 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 183, 239) }
```

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

```
.background{ background-color: rgb(234,  
183, 239) }
```

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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