

Converting Colors

RGB(231, 183, 226)

Have a look what the booklet for
RGB(231, 183, 226) contains.

RGB(231, 183, 226)	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(231, 183, 226)

Conversions

Conversions Part 1

Format	Color
Hex	E7B7E2
RGB	231, 183, 226
RGB Percent	91%, 72%, 89%
CMY	0.0941, 0.2824, 0.1137
CMYK	0.00, 0.21, 0.02, 0.09
HSL	306°, 50%, 81%
HSV	306°, 21%, 91%
XYZ	63.6160, 56.3469, 79.4746
YIQ	202.2540, 14.8050, 23.5490

Conversions

Conversions Part 2

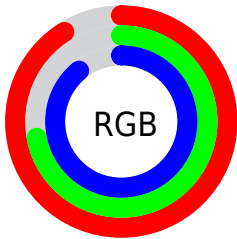
Format	Color
R _Y B	231, 183, 226
Decimal	15185890
CIE _{Lab}	79.81, 24.39, -14.88
CIE _{LCh}	80, 28.572, 328.606
Yxy	56.3469, 0.3190, 0.2825
Android (android.graphics.Color)	4293375970 (0xFFE7B7E2)
YUV	202.2540, 11.7068, 25.2102
Hunter-Lab	75.0646, 19.9128, -10.2281

Details

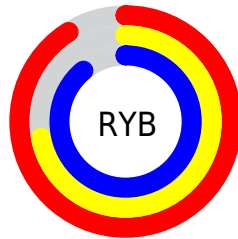
The RGB color **231, 183, 226** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **183, 231, 188**, and the grayscale version is **202, 202, 202**.

A 20% lighter version of the original color is **255, 239, 255**, and **175, 130, 171** is the 20% darker color. If you saturate the color by 10%, you get **231, 160, 224**, and if you desaturate by 10%, it is **231, 206, 228**.

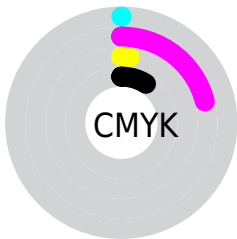
Distribution



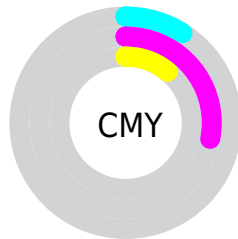
- Red (91%)
- Green (72%)
- Blue (89%)



- Red (91%)
- Yellow (72%)
- Blue (89%)



- Cyan (0%)
- Magenta (21%)
- Yellow (2%)
- Black (9%)




- Cyan (9%)
- Magenta (28%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the RGB color 231, 183, 226 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 231, 183, 226 by changing the saturation by 10% instead.

 231, 183, 226

255, 255, 255

 255, 239, 255


 231, 183, 226

 203, 156, 198


 175, 130, 171


 148, 104, 144

 122, 80, 118


 96, 56, 94


 72, 34, 70


 49, 11, 47

 31, 0, 27


 0, 0, 0

 231, 183, 226


 231, 183, 226

 231, 160, 224


 231, 206, 228


 231, 137, 221


 231, 229, 231

 231, 114, 219


 231, 252, 233

 231, 91, 216


 231, 255, 236

 231, 68, 214


 231, 255, 238

 231, 44, 212

 231, 255, 240

 231, 21, 209

 231, 255, 243

 231, 0, 207

 231, 255, 245

 231, 255, 248

Harmonies

Analogous

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



200, 191, 245



231, 183, 226



249, 179, 200

Triad

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



231, 183, 226



219, 196, 145



119, 212, 222

Complementary

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



231, 183, 226



183, 231, 188

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.



132, 213, 196



231, 183, 226



190, 204, 151

Square

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



231, 183, 226



240, 187, 153



160, 210, 169



131, 208, 242

Rectangle

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



231, 183, 226



252, 179, 182



160, 210, 169



121, 213, 214

Sweetspot

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



231, 183, 226



255, 240, 253



188, 183, 231



128, 119, 127



0, 0, 0



128, 128, 128

Same Dimension

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



231, 183, 226



255, 191, 248



231, 183, 202



115, 103, 114



179, 0, 160



51, 0, 46

Inverse Universe

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



231, 183, 226



255, 191, 248



183, 231, 212



115, 103, 114



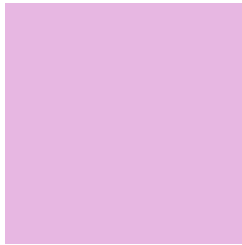
179, 0, 160



51, 0, 46

Previews

White Background



This preview shows how the RGB color 231, 183, 226 looks on a white background.

Color Contrast Check

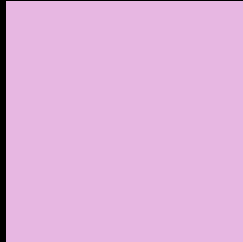
Large Text (above 18pt) WCAG AA × Fail

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 231, 183, 226 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

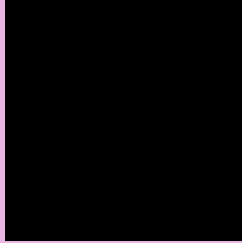
Any Text WCAG AA ✓ Pass

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 231, 183, 226 Background



This preview shows how black text looks on a background with the RGB color 231, 183, 226.

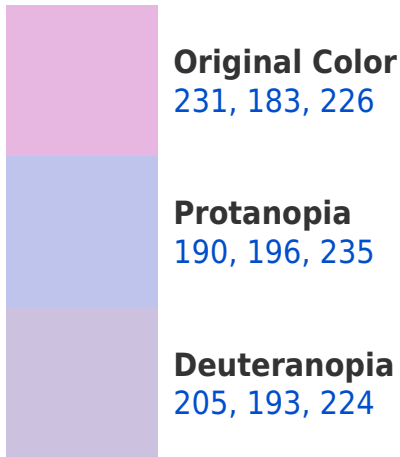



This preview shows how white text looks on a background with the RGB color 231, 183, 226.

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





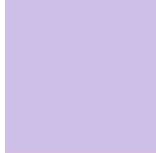
Tritanopia
228, 187, 202

Trichromacy



Original Color

231, 183, 226



Protanomaly

205, 191, 232



Deuteranomaly

214, 189, 225



Tritanomaly

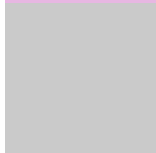
229, 186, 211

Monochromacy



Original Color

231, 183, 226



Achromatopsia

202, 202, 202



Achromatomaly

213, 195, 211

CSS Examples

Text

The CSS property to change the color of the text to RGB 231, 183, 226 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(231, 183, 226)` looks like.

```
.text, #text, p{  
    color:rgb(231, 183, 226)  
}
```

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(231, 183, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 183, 226) }
```

Border

The CSS property to change the border of an element to RGB 231, 183, 226 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(231, 183, 226) }
```

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

```
.border{ border-color:rgb(231, 183, 226) }
```

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

Here you see how a box with a 4 pixel rgb(231, 183, 226) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 183, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 183, 226);  
box-shadow:4px 4px 4px 4px rgb(231, 183,  
226) }
```

Background

The CSS property to change the background color of an element to RGB 231, 183, 226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 183, 226) }
```

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

```
.background{ background-color: rgb(231,  
183, 226) }
```

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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