Converting Colors

RGB(231, 185, 237)

Have a look what the booklet for RGB(231, 185, 237) contains.

Color

RGB(231, 185, 237)

Conversions

Conversions Part 1

Format	Color
Hex	E7B9ED
RGB	231, 185, 237
RGB Percent	91%, 73%, 93%
CMY	0.0941, 0.2745, 0.0706
CMYK	0.03, 0.22, 0.00, 0.07
HSL	293°, 59%, 83%
HSV	293°, 22%, 93%
XYZ	65.5900, 57.8013, 87.8206
YIQ	204.6820, 10.7240, 25.9240

Conversions

Conversions Part 2

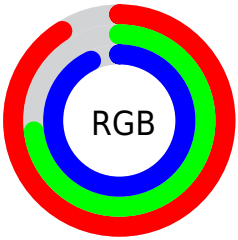
Format	Color
RYB	231, 185, 237
Decimal	15186413
CIELab	80.63, 25.34, -19.57
CIELCh	81, 32.020, 322.327
Yxy	57.8013, 0.3105, 0.2737
Android (android.graphics.Color)	4293376493 (0xFFE7B9ED)
YUV	204.6820, 15.9328, 23.0809
Hunter-Lab	76.0271, 20.9477, -15.2681

Details

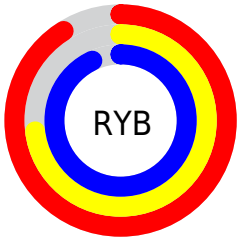
The RGB color 231, 185, 237 is a light color, and the websafe version is hex FFCCFF. A complement of this color would be 191, 237, 185, and the grayscale version is 205, 205, 205.

A 20% lighter version of the original color is 255, 241, 255, and 175, 132, 181 is the 20% darker color. If you saturate the color by 10%, you get 228, 161, 237, and if you desaturate by 10%, it is 234, 209, 237.

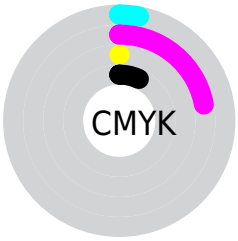
Distribution



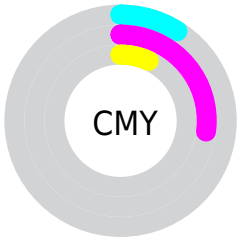
- Red (91%)
- Green (73%)
- Blue (93%)



- Red (91%)
- Yellow (73%)
- Blue (93%)



- Cyan (3%)
- Magenta (22%)
- Yellow (0%)
- Black (7%)



- Cyan (9%)
- Magenta (27%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the RGB color 231, 185, 237 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, 185, 237 by changing the saturation by 10% instead.

231, 185, 237

255, 255, 255

255, 241, 255

231, 185, 237

203, 158, 209

175, 132, 181

148, 106, 154

122, 81, 128

96, 58, 103

72, 35, 79

49, 13, 56

31, 0, 34

0, 0, 8

231, 185, 237

228, 161, 237

226, 138, 237

223, 114, 237

220, 90, 237

217, 66, 237

215, 43, 237

212, 19, 237

210, 0, 237

231, 185, 237

234, 209, 237

236, 232, 237

239, 255, 237

242, 255, 237

245, 255, 237

247, 255, 237

250, 255, 237

253, 255, 237

255, 255, 237

Harmonies

Analogous

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

194, 195, 255

231, 185, 237

254, 179, 209

Triad

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

231, 185, 237

229, 196, 141

108, 216, 222

Complementary

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

231, 185, 237

191, 237, 185

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.

130, 216, 191

231, 185, 237

198, 205, 144

Square

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

231, 185, 237

251, 186, 154

164, 212, 163

115, 213, 247

Rectangle

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

231, 185, 237

255, 178, 189

164, 212, 163

113, 217, 212

Sweetspot

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

231, 185, 237

253, 237, 255

185, 191, 237

126, 117, 128

0, 0, 0

128, 128, 128

Same Dimension

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

231, 185, 237

247, 189, 255

237, 185, 217

116, 106, 117

160, 0, 181

47, 0, 54

Inverse Universe

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

237, 185, 191

255, 189, 196

185, 237, 205

117, 106, 107

181, 0, 21

54, 0, 6

Previews

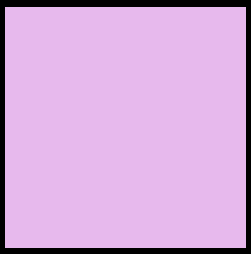
White Background

This preview shows how the RGB color 231, 185, 237 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



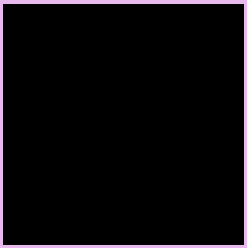
This preview shows how the RGB color 231, 185, 237 looks on a black background.

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, 185, 237 Background



This preview shows how black text looks on a background with the RGB color 231, 185, 237.

This preview shows how white text looks on a background with the RGB color 231, 185, 237.

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
231, 185, 237

Protanopia
189, 198, 246

Deuteranopia
203, 196, 235

Tritanopia
226, 191, 206

Trichromacy

Original Color
231, 185, 237

Protanomaly
204, 193, 243

Deuteranomaly
213, 192, 236

Tritanomaly
228, 189, 217

Monochromacy

Original Color
231, 185, 237

Achromatopsia
205, 205, 205

Achromatomaly
214, 198, 217

CSS Examples

Text

The CSS property to change the color of the text to RGB 231, 185, 237 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, 185, 237) looks like.

```
.text, #text, p{
    color:rgb(231, 185, 237)
}
```

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, 185, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 185, 237) }
```

Border

The CSS property to change the border of an element to RGB 231, 185, 237 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, 185, 237) }
```

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

```
.border{ border-color:rgb(231, 185, 237) }
```

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

Here you see how a box with a 4 pixel rgb(231, 185, 237) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(231, 185, 237); -webkit-box-shadow:4px 4px 4px 4px rgb(231, 185, 237); box-shadow:4px 4px 4px 4px rgb(231, 185, 237) }
```

Background

The CSS property to change the background color of an element to RGB 231, 185, 237 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(231, 185, 237) }
```

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

```
.background{ background-color:rgb(231,
185, 237) }
```

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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