

Converting Colors

RGB(227, 186, 225)

Have a look what the booklet for
RGB(227, 186, 225) contains.

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Color

RGB(227, 186, 225)

Conversions

Conversions Part 1

Format	Color
Hex	E3BAE1
RGB	227, 186, 225
RGB Percent	89%, 73%, 88%
CMY	0.1098, 0.2706, 0.1176
CMYK	0.00, 0.18, 0.01, 0.11
HSL	303°, 42%, 81%
HSV	303°, 18%, 89%
XYZ	62.8281, 56.8849, 78.9027
YIQ	202.7050, 11.9170, 20.8210

Conversions

Conversions Part 2

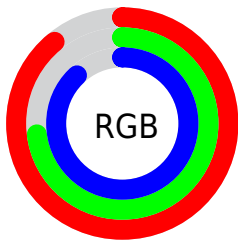
Format	Color
R _Y B	227, 186, 225
Decimal	14924513
CIE Lab	80.11, 21.27, -13.93
CIE LCh	80, 25.420, 326.780
Yxy	56.8849, 0.3163, 0.2864
Android (android.graphics.Color)	4293114593 (0xFFE3BAE1)
YUV	202.7050, 10.9914, 21.3067
Hunter-Lab	75.4221, 16.7052, -9.2306

Details

The RGB color **227, 186, 225** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **186, 227, 188**, and the grayscale version is **203, 203, 203**.

A 20% lighter version of the original color is **255, 242, 255**, and **171, 133, 170** is the 20% darker color. If you saturate the color by 10%, you get **227, 163, 224**, and if you desaturate by 10%, it is **227, 209, 226**.

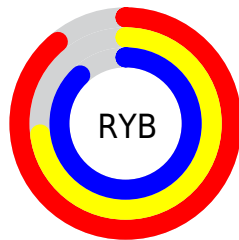
Distribution



Red (89%)

Green (73%)

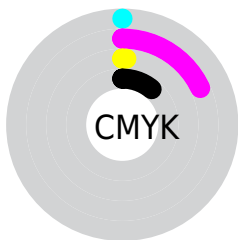
Blue (88%)



Red (89%)

Yellow (73%)

Blue (88%)

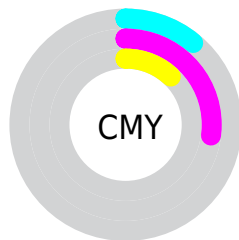


Cyan (0%)

Magenta (18%)

Yellow (1%)

Black (11%)



Cyan (11%)

Magenta (27%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the RGB color 227, 186, 225 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 227, 186, 225 by changing the saturation by 10% instead.


 227, 186, 225

255, 255, 255

 255, 242, 255


 227, 186, 225

 199, 159, 197

 171, 133, 170

 145, 107, 143

 119, 83, 118

 93, 59, 93

 69, 37, 69

 46, 15, 47

 29, 0, 27

 0, 0, 0

227, 186, 225

227, 186, 225

227, 163, 224

227, 209, 226

227, 141, 223

227, 231, 227

227, 118, 222

227, 254, 228

227, 95, 221

227, 255, 229

227, 73, 219

227, 255, 231

227, 50, 218

227, 255, 232

227, 27, 217

227, 255, 233

227, 4, 216

227, 255, 234

227, 0, 216

227, 255, 235

Harmonies

Analogous

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



199, 193, 241



227, 186, 225



244, 182, 202

Triad

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



227, 186, 225



219, 196, 152



131, 212, 219

Complementary

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



227, 186, 225



186, 227, 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.



143, 212, 195



227, 186, 225



194, 204, 156

Square

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



227, 186, 225



238, 188, 160



167, 209, 172



140, 208, 238

Rectangle

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



227, 186, 225



248, 182, 186



167, 209, 172



133, 212, 211

Sweetspot

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



227, 186, 225



255, 242, 254



187, 186, 227



128, 120, 127



0, 0, 0



128, 128, 128

Same Dimension

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



227, 186, 225



255, 199, 252



227, 186, 205



115, 103, 114



179, 0, 170



51, 0, 49

Inverse Universe

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



227, 186, 225



255, 199, 252



186, 227, 208



115, 103, 114



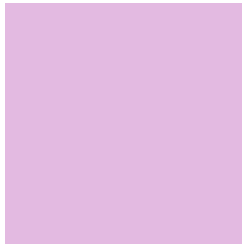
179, 0, 170



51, 0, 49

Previews

White Background



This preview shows how the RGB color 227, 186, 225 looks on a white background.

Color Contrast Check

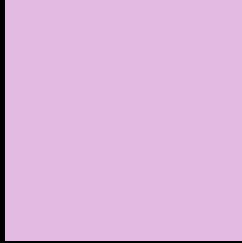
Large Text (above 18pt) WCAG AA × Fail

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 227, 186, 225 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 227, 186, 225 Background



This preview shows how black text looks on a background with the RGB color 227, 186, 225.



This preview shows how white text looks on a background with the RGB color 227, 186, 225.

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
227, 186, 225

Protanopia
192, 197, 232

Deuteranopia
207, 194, 224



Tritanopia
224, 190, 204

Trichromacy



Original Color
227, 186, 225

Protanomaly
205, 193, 229

Deuteranomaly
214, 191, 224

Tritanomaly
225, 189, 212

Monochromacy



Original Color
227, 186, 225

Achromatopsia
203, 203, 203

Achromatomaly
212, 197, 211

CSS Examples

Text

The CSS property to change the color of the text to RGB 227, 186, 225 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(227, 186, 225)` looks like.

```
.text, #text, p{  
    color:rgb(227, 186, 225)  
}
```

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(227, 186, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 186, 225) }
```

Border

The CSS property to change the border of an element to RGB 227, 186, 225 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(227, 186, 225) }
```

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

```
.border{ border-color:rgb(227, 186, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 186, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(227, 186, 225); -webkit-box-shadow:4px 4px 4px 4px rgb(227, 186, 225); box-shadow:4px 4px 4px 4px rgb(227, 186, 225) }
```

Background

The CSS property to change the background color of an element to RGB 227, 186, 225 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 186, 225) }
```

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

```
.background{ background-color: rgb(227,  
186, 225) }
```

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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