

Converting Colors

RGB(227, 186, 204)

Have a look what the booklet for
RGB(227, 186, 204) contains.

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Color

RGB(227, 186, 204)

Conversions

Conversions Part 1

Format	Color
Hex	E3BACC
RGB	227, 186, 204
RGB Percent	89%, 73%, 80%
CMY	0.1098, 0.2706, 0.2000
CMYK	0.00, 0.18, 0.10, 0.11
HSL	334°, 42%, 81%
HSV	334°, 18%, 89%
XYZ	60.1365, 55.8083, 64.7293
YIQ	200.3110, 18.6580, 14.2900

Conversions

Conversions Part 2

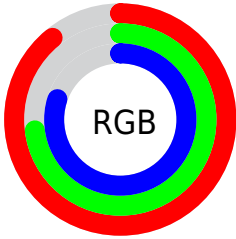
Format	Color
R _Y B	227, 186, 204
Decimal	14924492
CIE Lab	79.50, 17.59, -3.50
CIE LCh	80, 17.931, 348.728
Yxy	55.8083, 0.3328, 0.3089
Android (android.graphics.Color)	4293114572 (0xFFE3BACC)
YUV	200.3110, 1.8187, 23.4063
Hunter-Lab	74.7050, 12.9565, 0.9207

Details

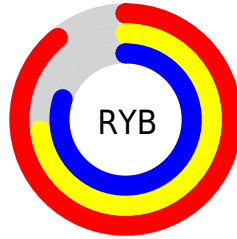
The RGB color **227, 186, 204** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **186, 227, 209**, and the grayscale version is **200, 200, 200**.

A 20% lighter version of the original color is **255, 242, 255**, and **171, 133, 150** is the 20% darker color. If you saturate the color by 10%, you get **227, 163, 191**, and if you desaturate by 10%, it is **227, 209, 217**.

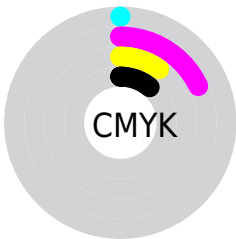
Distribution



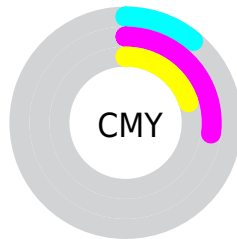
- Red (89%)
- Green (73%)
- Blue (80%)



- Red (89%)
- Yellow (73%)
- Blue (80%)



- Cyan (0%)
- Magenta (18%)
- Yellow (10%)
- Black (11%)



- Cyan (11%)
- Magenta (27%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the RGB color 227, 186, 204 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, 204 by changing the saturation by 10% instead.


 227, 186, 204

255, 255, 255

 255, 242, 255

 227, 186, 204

 199, 159, 177

 171, 133, 150

 144, 107, 124

 118, 83, 99

 93, 59, 75

 69, 37, 53

 46, 16, 32

 28, 0, 7

 0, 0, 0

■ 227, 186, 204

■ 227, 186, 204

■ 227, 163, 191

■ 227, 209, 217

■ 227, 141, 179

■ 227, 231, 229

■ 227, 118, 166

■ 227, 254, 242

■ 227, 95, 153

■ 227, 255, 255

■ 227, 73, 140

■ 227, 255, 255

■ 227, 50, 128

■ 227, 27, 115

■ 227, 4, 102

■ 227, 0, 100

Harmonies

Analogous

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



213, 189, 219



227, 186, 204



232, 186, 187

Triad

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



227, 186, 204



199, 199, 165



156, 205, 221

Complementary

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



227, 186, 204



186, 227, 209

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.



154, 207, 207



227, 186, 204



180, 204, 175

Square

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



227, 186, 204



216, 194, 165



163, 206, 190



171, 200, 229

Rectangle

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



227, 186, 204



231, 187, 177



163, 206, 190



154, 206, 217

Sweetspot

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



227, 186, 204



255, 242, 248



209, 186, 227



128, 120, 123



0, 0, 0



128, 128, 128

Same Dimension

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



227, 186, 204



255, 199, 224



227, 188, 186



115, 103, 108



179, 0, 78



51, 0, 22

Inverse Universe

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



227, 186, 204



255, 199, 224



186, 225, 227



115, 103, 108



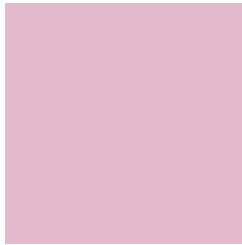
179, 0, 78



51, 0, 22

Previews

White Background



This preview shows how the RGB color 227, 186, 204 looks on a white background.

Color Contrast Check

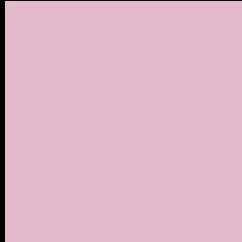
Large Text (above 18pt) WCAG AA × Fail

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, 204 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, 204 Background



This preview shows how black text looks on a background with the RGB color 227, 186, 204.



This preview shows how white text looks on a background with the RGB color 227, 186, 204.

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, 204](#)

Protanopia
[197, 196, 210](#)

Deuteranopia
[214, 191, 203](#)



Tritanopia
227, 186, 201

Trichromacy



Original Color

227, 186, 204

Protanomaly

208, 192, 208

Deuteranomaly

219, 189, 203

Tritanomaly

227, 186, 202

Monochromacy



Original Color

227, 186, 204

Achromatopsia

200, 200, 200

Achromatomaly

210, 195, 201

CSS Examples

Text

The CSS property to change the color of the text to RGB 227, 186, 204 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, 204)` looks like.

```
.text, #text, p{  
    color:rgb(227, 186, 204)  
}
```

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, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 186, 204) }
```

Border

The CSS property to change the border of an element to RGB 227, 186, 204 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, 204) }
```

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

```
.border{ border-color:rgb(227, 186, 204) }
```

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, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 186, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 186, 204);  
box-shadow:4px 4px 4px 4px rgb(227, 186,  
204) }
```

Background

The CSS property to change the background color of an element to RGB 227, 186, 204 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, 204) }
```

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

```
.background{ background-color: rgb(227,  
186, 204) }
```

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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