

Converting Colors

RGB(227, 27, 204)

Have a look what the booklet for
RGB(227, 27, 204) contains.

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Color

RGB(227, 27, 204)

Conversions

Conversions Part 1

Format	Color
Hex	E31BCC
RGB	227, 27, 204
RGB Percent	89%, 11%, 80%
CMY	0.1098, 0.8941, 0.2000
CMYK	0.00, 0.88, 0.10, 0.11
HSL	307°, 79%, 50%
HSV	307°, 88%, 89%
XYZ	42.9696, 21.4744, 59.0070
YIQ	106.9780, 62.3830, 97.4470

Conversions

Conversions Part 2

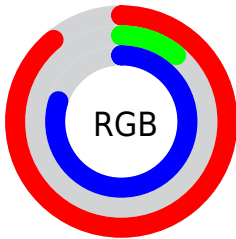
Format	Color
R _Y B	227, 27, 204
Decimal	14883788
CIE Lab	53.46, 84.33, -43.29
CIE LCh	53, 94.792, 332.825
Yxy	21.4744, 0.3481, 0.1740
Android (android.graphics.Color)	4293073868 (0xFFE31BCC)
YUV	106.9780, 47.8318, 105.2593
Hunter-Lab	46.3405, 84.4197, -43.0577

Details

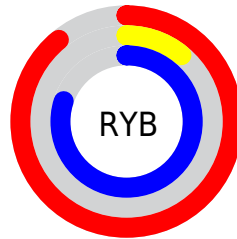
The RGB color **227, 27, 204** is a light color, and the websafe version is hex **CC00CC**. The color can be described as light washed magenta. A complement of this color would be **27, 227, 50**, and the grayscale version is **106, 106, 106**.

A 20% lighter version of the original color is **255, 104, 255**, and **167, 0, 149** is the 20% darker color. If you saturate the color by 10%, you get **227, 4, 201**, and if you desaturate by 10%, it is **227, 50, 207**.

Distribution



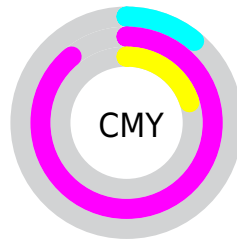
- Red (89%)
- Green (11%)
- Blue (80%)



- Red (89%)
- Yellow (11%)
- Blue (80%)



- Cyan (0%)
- Magenta (88%)
- Yellow (10%)
- Black (11%)



- Cyan (11%)
- Magenta (89%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the RGB color 227, 27, 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, 27, 204 by changing the saturation by 10% instead.



227, 27, 204



227, 27, 204

255, 255, 255



197, 0, 176



255, 104, 255



167, 0, 149



255, 135, 255



137, 0, 123



255, 166, 255



108, 0, 97



255, 196, 255



80, 0, 73



255, 226, 255



52, 0, 50



16, 0, 27



0, 0, 0



227, 27, 204



227, 27, 204

■ 227, 4, 201

■ 227, 50, 207

■ 227, 0, 201

■ 227, 72, 209

■ 227, 95, 212

■ 227, 118, 214

■ 227, 140, 217

■ 227, 163, 220

■ 227, 186, 222

■ 227, 209, 225

■ 227, 231, 227

Harmonies

Analogous

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



122, 101, 255



227, 27, 204



255, 0, 124

Triad

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



227, 27, 204



149, 128, 0



0, 160, 215

Complementary

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



227, 27, 204



27, 227, 50

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.



0, 160, 134



227, 27, 204



57, 147, 0

Square

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



227, 27, 204



212, 92, 0



0, 156, 44



0, 155, 255

Rectangle

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



227, 27, 204



255, 0, 71



0, 156, 44



0, 161, 190

Sweetspot

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



227, 27, 204



255, 189, 247



47, 27, 227



128, 88, 123



0, 0, 0



128, 128, 128

Same Dimension

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



227, 27, 204



255, 0, 226



227, 27, 107



115, 103, 113



179, 0, 158



51, 0, 45

Inverse Universe

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



227, 27, 204



255, 0, 226



27, 227, 147



115, 103, 113



179, 0, 158



51, 0, 45

Previews

White Background



This preview shows how the RGB color 227, 27, 204 looks on a white background.

Color Contrast Check

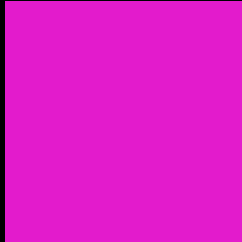
Large Text (above 18pt) WCAG AA ✓ Pass

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, 27, 204 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

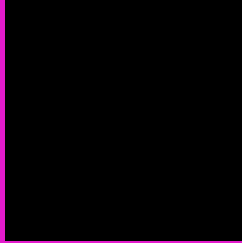
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 227, 27, 204 Background



This preview shows how black text looks on a background with the RGB color 227, 27, 204.

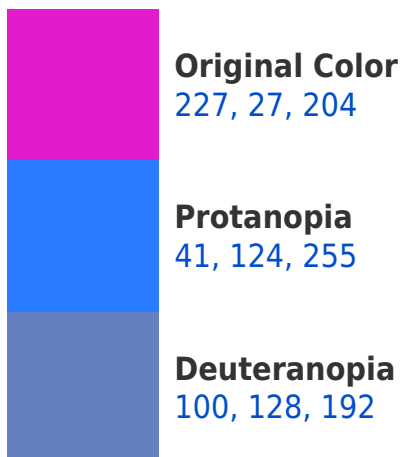


This preview shows how white text looks on a background with the RGB color 227, 27, 204.

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





Tritanopia
216, 83, 88

Trichromacy



Original Color

227, 27, 204



Protanomaly

109, 89, 236



Deuteranomaly

146, 91, 196



Tritanomaly

220, 63, 130

Monochromacy



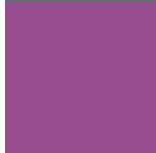
Original Color

227, 27, 204



Achromatopsia

107, 107, 107



Achromatomaly

151, 78, 142

CSS Examples

Text

The CSS property to change the color of the text to RGB 227, 27, 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, 27, 204)` looks like.

```
.text, #text, p{  
    color:rgb(227, 27, 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, 27, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 27, 204) }
```

Border

The CSS property to change the border of an element to RGB 227, 27, 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, 27, 204) }
```

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

```
.border{ border-color:rgb(227, 27, 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, 27, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 27, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 27, 204);  
box-shadow:4px 4px 4px 4px rgb(227, 27,  
204) }
```

Background

The CSS property to change the background color of an element to RGB 227, 27, 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, 27, 204) }
```

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

```
.background{ background-color: rgb(227, 27,  
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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