

Converting Colors

RGB(224, 133, 203)

Have a look what the booklet for
RGB(224, 133, 203) contains.

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Color

RGB(224, 133, 203)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | E085CB |
| RGB | 224, 133, 203 |
| RGB Percent | 88%, 52%, 80% |
| CMY | 0.1216, 0.4784, 0.2039 |
| CMYK | 0.00, 0.41, 0.09, 0.12 |
| HSL | 314°, 59%, 70% |
| HSV | 314°, 41%, 88% |
| XYZ | 49.9075, 36.9341, 60.9985 |
| YIQ | 168.1890, 31.7660, 41.0620 |

Conversions

Conversions Part 2

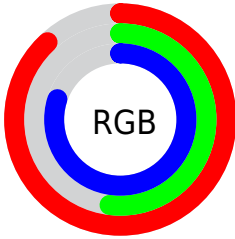
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 224, 133, 203 |
| Decimal | 14714315 |
| CIE _{Lab} | 67.23, 44.64, -21.38 |
| CIE _{LCh} | 67, 49.493, 334.410 |
| Yxy | 36.9341, 0.3376, 0.2498 |
| Android (android.graphics.Color) | 4292904395 (0xFFE085CB) |
| YUV | 168.1890, 17.1618, 48.9462 |
| Hunter-Lab | 60.7735, 40.2316, -16.9681 |

Details

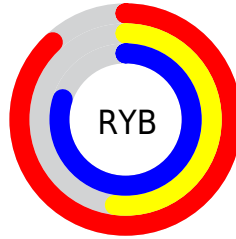
The RGB color **224, 133, 203** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **133, 224, 154**, and the grayscale version is **168, 168, 168**.

A 20% lighter version of the original color is **255, 188, 255**, and **167, 80, 149** is the 20% darker color. If you saturate the color by 10%, you get **224, 111, 198**, and if you desaturate by 10%, it is **224, 155, 208**.

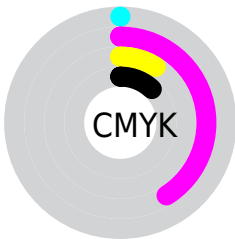
Distribution



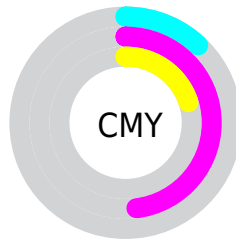
- Red (88%)
- Green (52%)
- Blue (80%)



- Red (88%)
- Yellow (52%)
- Blue (80%)



- Cyan (0%)
- Magenta (41%)
- Yellow (9%)
- Black (12%)




- Cyan (12%)
- Magenta (48%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the RGB color 224, 133, 203 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 224, 133, 203 by changing the saturation by 10% instead.


 224, 133, 203

255, 255, 255

 255, 188, 255


 255, 216, 255

 255, 245, 255

 224, 133, 203

 195, 106, 175

 167, 80, 149

 140, 55, 123


 113, 28, 98


 87, 0, 74


 61, 0, 51


 39, 0, 30

 0, 0, 0

 224, 133, 203


 224, 133, 203

 224, 111, 198

 224, 155, 208

 224, 88, 193

 224, 178, 213

 224, 66, 187

 224, 200, 219

 224, 43, 182

 224, 223, 224

 224, 21, 177

 224, 245, 229

 224, 0, 172

 224, 255, 234

 224, 255, 239

 224, 255, 244

 224, 255, 250

Harmonies

Analogous

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



176, 149, 237



224, 133, 203



246, 126, 159

Triad

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



224, 133, 203



184, 163, 71



0, 185, 213

Complementary

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



224, 133, 203



133, 224, 154

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, 186, 169



224, 133, 203



137, 176, 87

Square

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



224, 133, 203



221, 147, 83



76, 183, 123



0, 178, 243

Rectangle

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



224, 133, 203



247, 129, 129



76, 183, 123



0, 186, 199

Sweetspot

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



224, 133, 203



255, 224, 248



153, 133, 224



128, 110, 123



0, 0, 0



128, 128, 128

Same Dimension

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



224, 133, 203



255, 130, 226



224, 133, 159



112, 101, 110



176, 0, 135



48, 0, 37

Inverse Universe

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



224, 133, 203



255, 130, 226



133, 224, 198



112, 101, 110



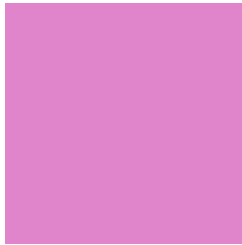
176, 0, 135



48, 0, 37

Previews

White Background



This preview shows how the RGB color 224, 133, 203 looks on a white background.

Color Contrast Check

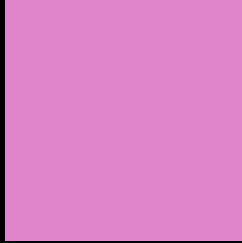
Large Text (above 18pt) WCAG AA × Fail

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 224, 133, 203 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 224, 133, 203 Background



This preview shows how black text looks on a background with the RGB color 224, 133, 203.

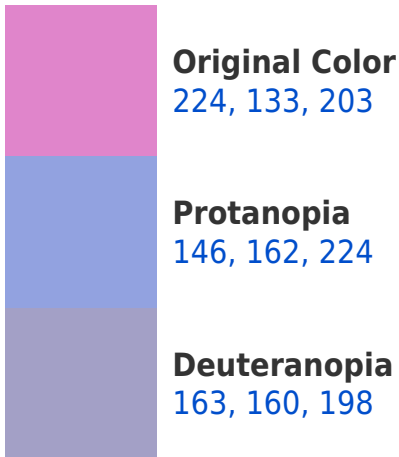



This preview shows how white text looks on a background with the RGB color 224, 133, 203.

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
218, 143, 154

Trichromacy



Original Color

224, 133, 203



Protanomaly

174, 151, 216



Deuteranomaly

185, 150, 200



Tritanomaly

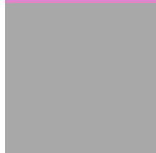
220, 139, 172

Monochromacy



Original Color

224, 133, 203



Achromatopsia

168, 168, 168



Achromatomaly

188, 155, 181

CSS Examples

Text

The CSS property to change the color of the text to RGB 224, 133, 203 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(224, 133, 203)` looks like.

```
.text, #text, p{  
    color:rgb(224, 133, 203)  
}
```

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(224, 133, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 133, 203) }
```

Border

The CSS property to change the border of an element to RGB 224, 133, 203 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(224, 133, 203) }
```

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

```
.border{ border-color:rgb(224, 133, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 133, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 133, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 133, 203);  
box-shadow:4px 4px 4px 4px rgb(224, 133,  
203) }
```

Background

The CSS property to change the background color of an element to RGB 224, 133, 203 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 133, 203) }
```

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

```
.background{ background-color: rgb(224,  
133, 203) }
```

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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