

Converting Colors

`RYB(224, 133, 205)`

Have a look what the booklet for
RYB(224, 133, 205) contains.

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Color

`RYB(224, 133, 205)`

Conversions

Conversions Part 1	
Format	Color
Hex	E085CD
RGB	224, 133, 205
RGB Percent	88%, 52%, 80%
CMY	0.1216, 0.4784, 0.1961
CMYK	0.00, 0.41, 0.08, 0.12
HSL	313°, 59%, 70%
HSV	313°, 41%, 88%
XYZ	50.1474, 37.0301, 62.2621
YIQ	168.4170, 31.1240, 41.6840

Conversions

Conversions Part 2

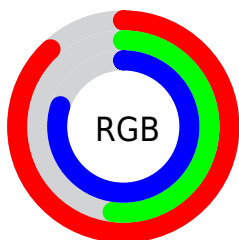
Format	Color
RYB	224, 133, 205
Decimal	14714317
CIELab	67.30, 44.97, -22.38
CIELCh	67, 50.236, 333.540
Yxy	37.0301, 0.3356, 0.2478
Android (android.graphics.Color)	4292904397 (0xFFE085CD)
YUV	168.4170, 18.0354, 48.7463
Hunter-Lab	60.8524, 40.6072, -18.0668

Details

The RYB color **224, 133, 205** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **133, 208, 224**, and the grayscale version is **168, 168, 168**.

A 20% lighter version of the original color is **255, 188, 255**, and **167, 80, 151** is the 20% darker color. If you saturate the color by 10%, you get **224, 111, 200**, and if you desaturate by 10%, it is **224, 155, 210**.

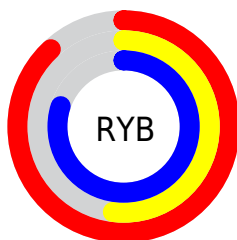
Distribution



Red (88%)

Green (52%)

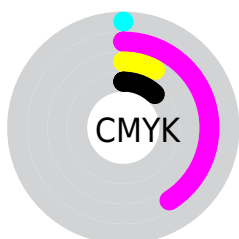
Blue (80%)



Red (88%)

Yellow (52%)

Blue (80%)

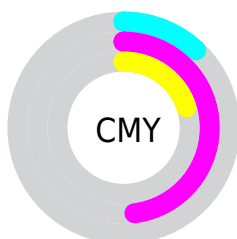


Cyan (0%)

Magenta (41%)

Yellow (8%)

Black (12%)



Cyan (12%)


Magenta (48%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the RYB color 224, 133, 205 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 RYB color 224, 133, 205 by changing the saturation by 10% instead.

 224, 133, 205


255, 255, 255

 255, 188, 255

 255, 216, 255

 255, 245, 255

 224, 133, 205

 195, 106, 177

 167, 80, 151


 140, 55, 125

 113, 27, 100


 87, 0, 75

 61, 0, 52


 39, 0, 31

 0, 0, 1

 0, 0, 0

 224, 133, 205


 224, 133, 205

 224, 111, 200

 224, 155, 210

 224, 88, 196

 224, 178, 214

 224, 66, 191

 224, 200, 219

 224, 43, 186

 224, 223, 224

 224, 21, 182

 224, 242, 245

 224, 0, 177

 224, 248, 255

 224, 245, 255

 224, 244, 255

 224, 242, 255

Harmonies

Analogous

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



174, 150, 239



224, 133, 205



247, 125, 160

Triad

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



224, 133, 205



97, 185, 70



0, 99, 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, 205



133, 208, 224

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, 99, 187



224, 133, 205



85, 176, 123

Square

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



224, 133, 205



222, 202, 83



77, 152, 184



0, 103, 244

Rectangle

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



224, 133, 205



248, 128, 130



77, 152, 184



0, 96, 199

Sweetspot

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



224, 133, 205



255, 224, 249



151, 133, 224



128, 110, 124



0, 0, 0



128, 128, 128

Same Dimension

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



224, 133, 205



255, 130, 229



224, 133, 160



112, 101, 110



176, 0, 139



48, 0, 38

Inverse Universe

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



224, 133, 205



255, 130, 229



133, 186, 224



112, 101, 110



176, 0, 139



48, 0, 38

Previews

White Background



This preview shows how the RYB color 224, 133, 205 looks on a white background.

Color Contrast Check

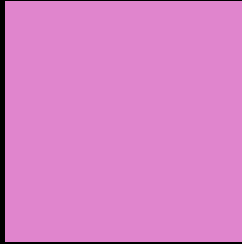
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RYB color 224, 133, 205 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](#).

RYB 224, 133, 205 Background



This preview shows how black text looks on a background with the RYB color 224, 133, 205.



This preview shows how white text looks on a background with the RYB color 224, 133, 205.

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

224, 133, 205

Protanopia

145, 159, 226

Deuteranopia

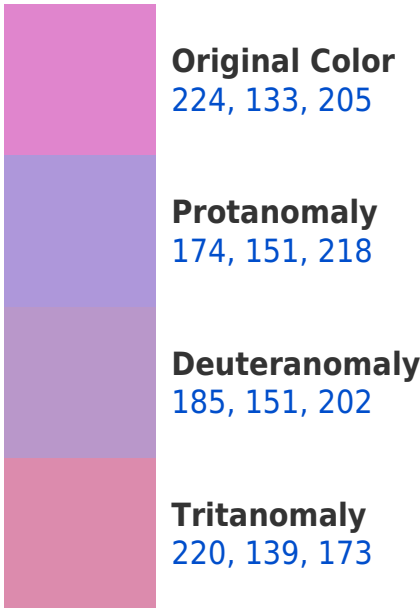
162, 161, 200



Tritanopia

218, 143, 154

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to RGB 224, 133, 205 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, 205) looks like.

```
.text, #text, p{  
    color:rgb(224, 133, 205)  
}
```

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, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 133, 205) }
```

Border

The CSS property to change the border of an element to RYB 224, 133, 205 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, 205) }
```

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

```
.border{ border-color:rgb(224, 133, 205) }
```

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, 205) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 133, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 133, 205);  
box-shadow:4px 4px 4px 4px rgb(224, 133,  
205) }
```

Background

The CSS property to change the background color of an element to RGB 224, 133, 205 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, 205) }
```

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

```
.background{ background-color: rgb(224,  
133, 205) }
```

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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