

Converting Colors

`RYB(215, 134, 208)`

Have a look what the booklet for
RYB(215, 134, 208) contains.

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Color

$\text{RYB}(215, 134, 208)$

Conversions

Conversions Part 1

Format	Color
Hex	D786D0
RGB	215, 134, 208
RGB Percent	84%, 53%, 82%
CMY	0.1569, 0.4745, 0.1843
CMYK	0.00, 0.38, 0.03, 0.16
HSL	305°, 50%, 68%
HSV	305°, 38%, 84%
XYZ	47.9346, 36.0513, 64.1067
YIQ	166.6550, 24.5220, 40.1860

Conversions

Conversions Part 2

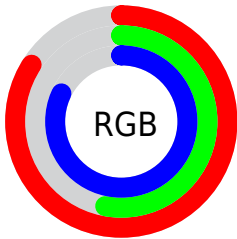
Format	Color
R _Y B	215, 134, 208
Decimal	14124752
CIE Lab	66.56, 42.13, -25.28
CIE LCh	67, 49.137, 329.032
Yxy	36.0513, 0.3237, 0.2434
Android (android.graphics.Color)	4292314832 (0xFFD786D0)
YUV	166.6550, 20.3831, 42.3986
Hunter-Lab	60.0428, 37.4290, -21.2730

Details

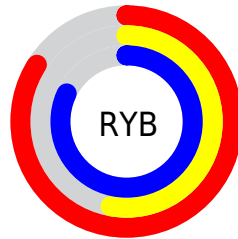
The RYB color **215, 134, 208** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **134, 209, 215**, and the grayscale version is **166, 166, 166**.

A 20% lighter version of the original color is **255, 189, 255**, and **159, 82, 153** is the 20% darker color. If you saturate the color by 10%, you get **215, 113, 206**, and if you desaturate by 10%, it is **215, 156, 210**.

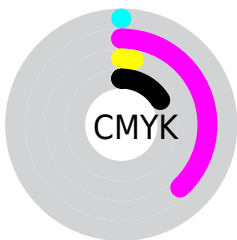
Distribution



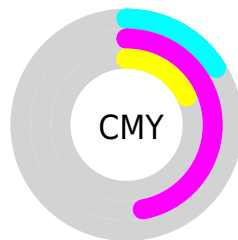
- Red (84%)
- Green (53%)
- Blue (82%)



- Red (84%)
- Yellow (53%)
- Blue (82%)



- Cyan (0%)
- Magenta (38%)
- Yellow (3%)
- Black (16%)




- Cyan (16%)
- Magenta (47%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the RYB color 215, 134, 208 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 215, 134, 208 by changing the saturation by 10% instead.

 215, 134, 208

 215, 134, 208

255, 255, 255

 187, 108, 180

 255, 189, 255

 159, 82, 153

 255, 217, 255

 132, 57, 127

 255, 246, 255

 105, 31, 102

 79, 0, 78

 55, 0, 55

 32, 0, 33

 0, 0, 5


 0, 0, 0

 215, 134, 208


 215, 134, 208

 215, 113, 206

 215, 156, 210

 215, 91, 204


 215, 177, 212

 215, 70, 202


 215, 199, 214

 215, 48, 201


 215, 220, 220

 215, 27, 199

 215, 240, 242

 215, 5, 197

 215, 251, 255

 215, 0, 196

 215, 250, 255

 215, 248, 255

 215, 247, 255

Harmonies

Analogous

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



162, 151, 239



215, 134, 208



241, 125, 165

Triad

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



215, 134, 208



111, 189, 71



0, 97, 203

Complementary

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



215, 134, 208



134, 209, 215

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, 184



215, 134, 208



81, 172, 108

Square

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



215, 134, 208



224, 182, 87



88, 159, 180



0, 102, 237

Rectangle

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



215, 134, 208



245, 126, 135



88, 159, 180



0, 93, 189

Sweetspot

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



215, 134, 208



255, 227, 253



141, 134, 215



128, 111, 126



0, 0, 0



128, 128, 128

Same Dimension

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



215, 134, 208



255, 140, 245



215, 134, 168



107, 96, 106



171, 0, 156



43, 0, 40

Inverse Universe

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



215, 134, 208



255, 140, 245



134, 185, 215



107, 96, 106



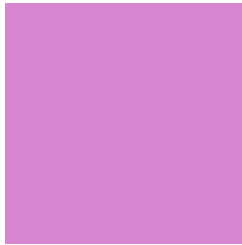
171, 0, 156



43, 0, 40

Previews

White Background



This preview shows how the RYB color 215, 134, 208 looks on a white background.

Color Contrast Check

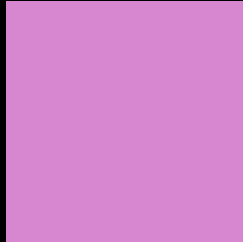
Large Text (above 18pt) WCAG AA × Fail

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 215, 134, 208 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

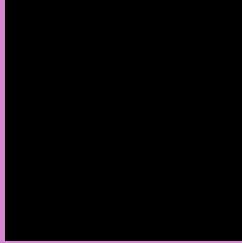
Any Text WCAG AA ✓ Pass

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 215, 134, 208 Background



This preview shows how black text looks on a background with the RYB color 215, 134, 208.

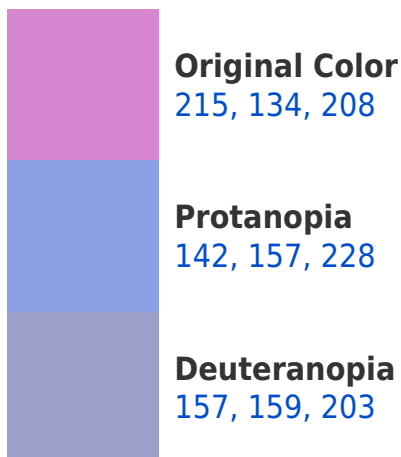



This preview shows how white text looks on a background with the RYB color 215, 134, 208.

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
208, 145, 156

Trichromacy



Original Color

215, 134, 208



Protanomaly

169, 151, 221



Deuteranomaly

178, 150, 205



Tritanomaly

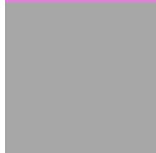
211, 141, 175

Monochromacy



Original Color

215, 134, 208



Achromatopsia

167, 167, 167



Achromatomaly

184, 155, 182

CSS Examples

Text

The CSS property to change the color of the text to RYB 215, 134, 208 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(215, 134, 208) looks like.

```
.text, #text, p{  
    color:rgb(215, 134, 208)  
}
```

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(215, 134, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 134, 208) }
```

Border

The CSS property to change the border of an element to RYB 215, 134, 208 is called "border". The border property can be set on classes, ids or directly on the HTML element.

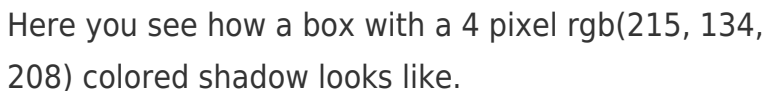
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(215, 134, 208) }
```

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

```
.border{ border-color:rgb(215, 134, 208) }
```

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



Here you see how a box with a 4 pixel `rgb(215, 134, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(215, 134, 208); -webkit-box-shadow:4px 4px 4px 4px rgb(215, 134, 208); box-shadow:4px 4px 4px 4px rgb(215, 134, 208) }
```

Background

The CSS property to change the background color of an element to RGB 215, 134, 208 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 134, 208) }
```

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

```
.background{ background-color: rgb(215,  
134, 208) }
```

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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