

Converting Colors

`RYB(214, 115, 133)`

Have a look what the booklet for
RYB(214, 115, 133) contains.

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Color

$\text{RYB}(214, 115, 133)$

Conversions

Conversions Part 1

Format	Color
Hex	D67385
RGB	214, 115, 133
RGB Percent	84%, 45%, 52%
CMY	0.1608, 0.5490, 0.4784
CMYK	0.00, 0.46, 0.38, 0.16
HSL	349°, 55%, 65%
HSV	349°, 46%, 84%
XYZ	38.0959, 28.2511, 25.6354
YIQ	146.6530, 53.2260, 26.5860

Conversions

Conversions Part 2

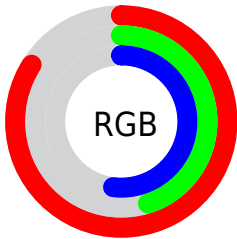
Format	Color
RYB	214, 115, 133
Decimal	14054277
CIELab	60.11, 40.57, 7.74
CIElCh	60, 41.302, 10.795
Yxy	28.2511, 0.4142, 0.3071
Android (android.graphics.Color)	4292244357 (0xFFD67385)
YUV	146.6530, -6.7309, 59.0633
Hunter-Lab	53.1517, 34.9224, 8.6103

Details

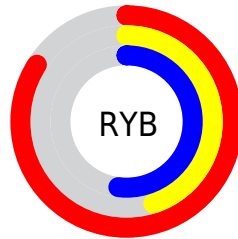
The RYB color **214, 115, 133** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **115, 169, 214**, and the grayscale version is **147, 147, 147**.

A 20% lighter version of the original color is **255, 169, 186**, and **156, 63, 84** is the 20% darker color. If you saturate the color by 10%, you get **214, 94, 115**, and if you desaturate by 10%, it is **214, 136, 151**.

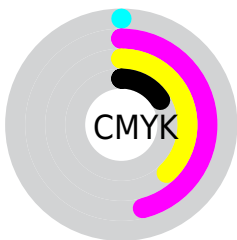
Distribution



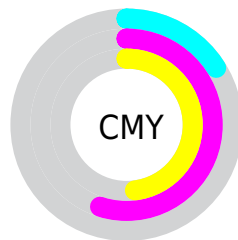
- Red (84%)
- Green (45%)
- Blue (52%)



- Red (84%)
- Yellow (45%)
- Blue (52%)



- Cyan (0%)
- Magenta (46%)
- Yellow (38%)
- Black (16%)




- Cyan (16%)
- Magenta (55%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the RYB color 214, 115, 133 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 214, 115, 133 by changing the saturation by 10% instead.

 214, 115, 133


255, 255, 255

 255, 169, 186


 255, 197, 214

 255, 225, 242

255, 254, 255

 214, 115, 133

 214, 94, 115

 214, 115, 133

 185, 89, 108

 156, 63, 84


 128, 37, 61

 101, 6, 39

 74, 0, 19

 51, 0, 2

 0, 0, 0

 214, 115, 133

 214, 136, 151

■ 214, 72, 98

■ 214, 158, 168

■ 214, 51, 80

■ 214, 179, 186

■ 214, 29, 63

■ 214, 201, 203

■ 214, 8, 45

■ 214, 218, 222

■ 214, 0, 39

■ 214, 230, 243

■ 214, 235, 255

Harmonies

Analogous

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



200, 118, 170



214, 115, 133



208, 128, 99

Triad

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



214, 115, 133



88, 156, 129



0, 90, 213

Complementary

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



214, 115, 133



115, 169, 214

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, 88, 191



214, 115, 133



63, 126, 162

Square

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



214, 115, 133



79, 154, 71



0, 84, 164



110, 136, 216

Rectangle

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



214, 115, 133



195, 165, 82



0, 84, 164



0, 90, 208

Sweetspot

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



214, 115, 133



255, 219, 226



196, 115, 214



128, 106, 110



0, 0, 0



128, 128, 128

Same Dimension

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



214, 115, 133



255, 112, 138



214, 160, 115



107, 96, 98



171, 0, 31



43, 0, 8

Inverse Universe

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



214, 115, 133



255, 112, 138



115, 155, 214



107, 96, 98



171, 0, 31



43, 0, 8

Previews

White Background



This preview shows how the RYB color 214, 115, 133 looks on a white background.

Color Contrast Check

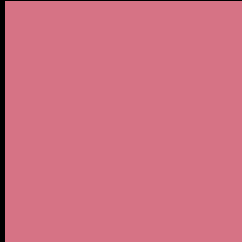
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RYB color 214, 115, 133 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](#).

RYB 214, 115, 133 Background



This preview shows how black text looks on a background with the RYB color 214, 115, 133.




This preview shows how white text looks on a background with the RYB color 214, 115, 133.

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
213, 116, 125

Trichromacy



Original Color
214, 115, 133

Protanomaly
171, 134, 143

Deuteranomaly
183, 131, 130

Tritanomaly
213, 116, 128

Monochromacy



Original Color
214, 115, 133

Achromatopsia
147, 147, 147

Achromatomaly
171, 135, 142

CSS Examples

Text

The CSS property to change the color of the text to RYB 214, 115, 133 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(214, 115, 133) looks like.

```
.text, #text, p{  
    color:rgb(214, 115, 133)  
}
```

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(214, 115, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 115, 133) }
```

Border

The CSS property to change the border of an element to RYB 214, 115, 133 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(214, 115, 133) }
```

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

```
.border{ border-color:rgb(214, 115, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 115, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 115, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 115, 133);  
box-shadow:4px 4px 4px 4px rgb(214, 115,  
133) }
```

Background

The CSS property to change the background color of an element to RGB 214, 115, 133 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 115, 133) }
```

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

```
.background{ background-color: rgb(214,  
115, 133) }
```

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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