

Converting Colors

`RYB(234, 115, 163)`

Have a look what the booklet for RYB(234, 115, 163) contains.

RYB(234, 115, 163)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

`RYB(234, 115, 163)`

Conversions

Conversions Part 1

Format	Color
Hex	EA73A3
RGB	234, 115, 163
RGB Percent	92%, 45%, 64%
CMY	0.0824, 0.5490, 0.3608
CMYK	0.00, 0.51, 0.30, 0.08
HSL	336°, 74%, 68%
HSV	336°, 51%, 92%
XYZ	46.6733, 32.3982, 38.4439
YIQ	156.0530, 55.5160, 40.1560

Conversions

Conversions Part 2

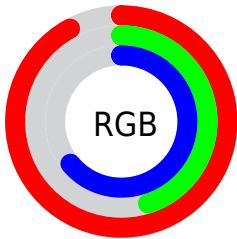
Format	Color
R _Y B	234, 115, 163
Decimal	15365027
CIE Lab	63.67, 51.06, -3.99
CIE LCh	64, 51.217, 355.527
Yxy	32.3982, 0.3972, 0.2757
Android (android.graphics.Color)	4293555107 (0xFFEA73A3)
YUV	156.0530, 3.4249, 68.3595
Hunter-Lab	56.9194, 46.7589, -0.2013

Details

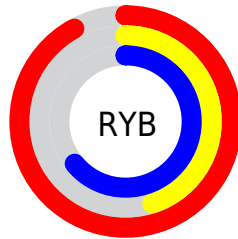
The RYB color **234, 115, 163** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **115, 190, 234**, and the grayscale version is **156, 156, 156**.

A 20% lighter version of the original color is **255, 170, 218**, and **175, 61, 111** is the 20% darker color. If you saturate the color by 10%, you get **234, 92, 149**, and if you desaturate by 10%, it is **234, 138, 177**.

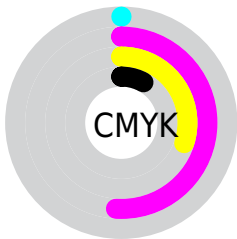
Distribution



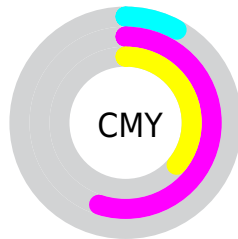
- Red (92%)
- Green (45%)
- Blue (64%)



- Red (92%)
- Yellow (45%)
- Blue (64%)



- Cyan (0%)
- Magenta (51%)
- Yellow (30%)
- Black (8%)




- Cyan (8%)
- Magenta (55%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the RYB color 234, 115, 163 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 234, 115, 163 by changing the saturation by 10% instead.

 234, 115, 163

 234, 115, 163

255, 255, 255

 204, 88, 137

 255, 170, 218


 175, 61, 111

 255, 198, 246

 147, 31, 87

 255, 227, 255


 118, 0, 64


 91, 0, 42

 64, 0, 22

 37, 0, 1

 0, 0, 0

 234, 115, 163

 234, 115, 163

■ 234, 92, 149

■ 234, 138, 177

■ 234, 68, 135

■ 234, 162, 191

■ 234, 45, 121

■ 234, 185, 205

■ 234, 21, 107

■ 234, 209, 219

■ 234, 0, 94

■ 234, 232, 233

■ 234, 247, 255

■ 234, 245, 255

Harmonies

Analogous

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



204, 127, 206



234, 115, 163



238, 118, 117

Triad

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



234, 115, 163



67, 163, 89



0, 98, 229

Complementary

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



234, 115, 163



115, 190, 234

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, 92, 192



234, 115, 163



84, 158, 172

Square

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



234, 115, 163



111, 186, 59



0, 97, 177



28, 110, 245

Rectangle

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



234, 115, 163



228, 140, 91



0, 97, 177



0, 97, 218

Sweetspot

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



234, 115, 163



255, 217, 232



184, 115, 234



128, 105, 114



0, 0, 0



128, 128, 128

Same Dimension

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



234, 115, 163



255, 99, 162



234, 126, 115



117, 106, 110



181, 0, 73



54, 0, 22

Inverse Universe

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



234, 115, 163



255, 99, 162



115, 172, 234



117, 106, 110



181, 0, 73



54, 0, 22

Previews

White Background



This preview shows how the RYB color 234, 115, 163 looks on a white background.

Color Contrast Check

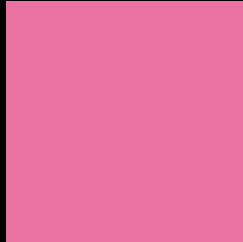
Large Text (above 18pt) WCAG AA × Fail

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 234, 115, 163 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 234, 115, 163 Background



This preview shows how black text looks on a background with the RYB color 234, 115, 163.

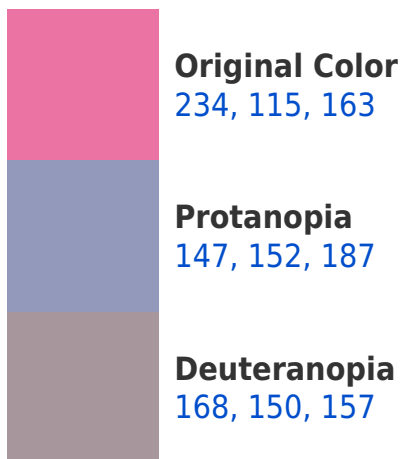


This preview shows how white text looks on a background with the RYB color 234, 115, 163.

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
231, 121, 130

Trichromacy



Original Color

234, 115, 163



Protanomaly

179, 139, 178



Deuteranomaly

192, 137, 159



Tritanomaly

232, 119, 142

Monochromacy



Original Color

234, 115, 163



Achromatopsia

156, 156, 156



Achromatomaly

184, 141, 159

CSS Examples

Text

The CSS property to change the color of the text to RYB 234, 115, 163 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(234, 115, 163) looks like.

```
.text, #text, p{  
    color:rgb(234, 115, 163)  
}
```

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(234, 115, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 115, 163) }
```

Border

The CSS property to change the border of an element to RYB 234, 115, 163 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(234, 115, 163) }
```

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

```
.border{ border-color:rgb(234, 115, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 115, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 115, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 115, 163);  
box-shadow:4px 4px 4px 4px rgb(234, 115,  
163) }
```

Background

The CSS property to change the background color of an element to RGB 234, 115, 163 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 115, 163) }
```

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

```
.background{ background-color: rgb(234,  
115, 163) }
```

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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