

Converting Colors

`RYB(227, 103, 173)`

Have a look what the booklet for
RYB(227, 103, 173) contains.

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Color

RYB(227, 103, 173)

Conversions

Conversions Part 1

Format	Color
Hex	E367AD
RGB	227, 103, 173
RGB Percent	89%, 40%, 68%
CMY	0.1098, 0.5961, 0.3216
CMYK	0.00, 0.55, 0.24, 0.11
HSL	326°, 69%, 65%
HSV	326°, 55%, 89%
XYZ	44.0716, 29.0485, 42.8193
YIQ	148.0560, 51.4340, 48.0580

Conversions

Conversions Part 2

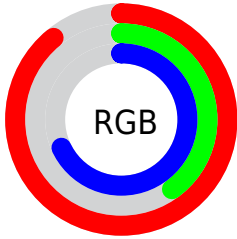
Format	Color
R _Y B	227, 103, 173
Decimal	14903213
CIE Lab	60.82, 55.86, -14.07
CIE LCh	61, 57.605, 345.860
Yxy	29.0485, 0.3801, 0.2505
Android (android.graphics.Color)	4293093293 (0xFFE367AD)
YUV	148.0560, 12.2974, 69.2339
Hunter-Lab	53.8967, 51.6413, -9.3764

Details

The RYB color **227, 103, 173** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **103, 189, 227**, and the grayscale version is **148, 148, 148**.

A 20% lighter version of the original color is **255, 158, 228**, and **169, 47, 121** is the 20% darker color. If you saturate the color by 10%, you get **227, 80, 163**, and if you desaturate by 10%, it is **227, 126, 183**.

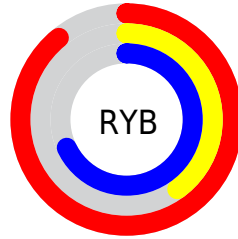
Distribution



Red (89%)

Green (40%)

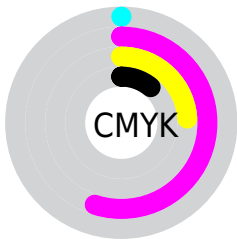
Blue (68%)



Red (89%)

Yellow (40%)

Blue (68%)

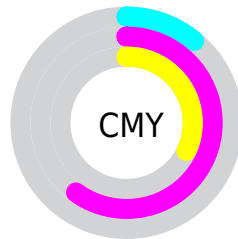


Cyan (0%)

Magenta (55%)

Yellow (24%)

Black (11%)



Cyan (11%)

Magenta (60%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the RYB color 227, 103, 173 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 227, 103, 173 by changing the saturation by 10% instead.

 227, 103, 173

255, 255, 255

 255, 158, 228

 255, 187, 255

 255, 215, 255

 255, 245, 255

 227, 103, 173

 198, 75, 146

 169, 47, 121

 140, 7, 96

 112, 0, 72

 85, 0, 49

 60, 0, 29

 30, 0, 1

 0, 0, 0

 227, 103, 173

 227, 103, 173

■ 227, 80, 163

■ 227, 126, 183

■ 227, 58, 153

■ 227, 148, 193

■ 227, 35, 143

■ 227, 171, 203

■ 227, 12, 133

■ 227, 194, 213

■ 227, 0, 128

■ 227, 217, 222

■ 227, 235, 239

■ 227, 245, 255

■ 227, 242, 255

■ 227, 241, 255

Harmonies

Analogous

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



184, 122, 218



227, 103, 173



240, 100, 122

Triad

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



227, 103, 173



38, 153, 43



0, 95, 219

Complementary

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



227, 103, 173



103, 189, 227

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, 86, 173



227, 103, 173



72, 164, 147

Square

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



227, 103, 173



136, 194, 42



0, 100, 170



0, 96, 245

Rectangle

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



227, 103, 173



233, 112, 90



0, 100, 170



0, 93, 205

Sweetspot

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



227, 103, 173



255, 214, 237



157, 103, 227



128, 103, 117



0, 0, 0



128, 128, 128

Same Dimension

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



227, 103, 173



255, 87, 182



227, 103, 111



115, 103, 110



179, 0, 101



51, 0, 29

Inverse Universe

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



227, 103, 173



255, 87, 182



103, 167, 227



115, 103, 110



179, 0, 101



51, 0, 29

Previews

White Background



This preview shows how the RYB color 227, 103, 173 looks on a white background.

Color Contrast Check

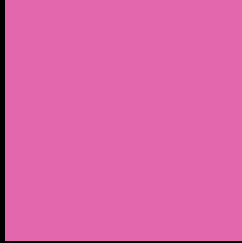
Large Text (above 18pt) WCAG AA ✓ Pass

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 227, 103, 173 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 227, 103, 173 Background



This preview shows how black text looks on a background with the RYB color 227, 103, 173.

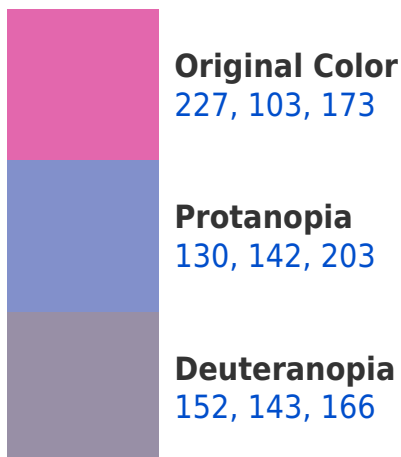


This preview shows how white text looks on a background with the RYB color 227, 103, 173.

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
222, 114, 122

Trichromacy



Original Color
227, 103, 173



Protanomaly
165, 130, 192



Deuteranomaly
179, 128, 169



Tritanomaly
224, 110, 141

Monochromacy



Original Color
227, 103, 173



Achromatopsia
148, 148, 148



Achromatomaly
177, 132, 157

CSS Examples

Text

The CSS property to change the color of the text to RYB 227, 103, 173 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(227, 103, 173)` looks like.

```
.text, #text, p{  
    color:rgb(227, 103, 173)  
}
```

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(227, 103, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 103, 173) }
```

Border

The CSS property to change the border of an element to RYB 227, 103, 173 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(227, 103, 173) }
```

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

```
.border{ border-color:rgb(227, 103, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 103, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 103, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 103, 173);  
box-shadow:4px 4px 4px 4px rgb(227, 103,  
173) }
```

Background

The CSS property to change the background color of an element to RYB 227, 103, 173 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 103, 173) }
```

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

```
.background{ background-color: rgb(227,  
103, 173) }
```

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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