

Converting Colors

RGB(235, 163, 192)

Have a look what the booklet for
RGB(235, 163, 192) contains.

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Color

RGB(235, 163, 192)

Conversions

Conversions Part 1

Format	Color
Hex	EBA3C0
RGB	235, 163, 192
RGB Percent	92%, 64%, 75%
CMY	0.0784, 0.3608, 0.2471
CMYK	0.00, 0.31, 0.18, 0.08
HSL	336°, 64%, 78%
HSV	336°, 31%, 92%
XYZ	56.8726, 47.6623, 56.0714
YIQ	187.8340, 33.6030, 24.2830

Conversions

Conversions Part 2

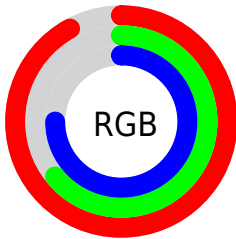
Format	Color
R_{YB}	235, 163, 192
Decimal	15442880
CIE Lab	74.61, 30.77, -4.08
CIE LCh	75, 31.035, 352.442
Yxy	47.6623, 0.3541, 0.2968
Android (android.graphics.Color)	4293632960 (0xFFEBA3C0)
YUV	187.8340, 2.0538, 41.3646
Hunter-Lab	69.0379, 26.2298, 0.1722

Details

The RGB color **235, 163, 192** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **163, 235, 206**, and the grayscale version is **188, 188, 188**.

A 20% lighter version of the original color is **255, 219, 248**, and **178, 110, 139** is the 20% darker color. If you saturate the color by 10%, you get **235, 139, 178**, and if you desaturate by 10%, it is **235, 187, 206**.

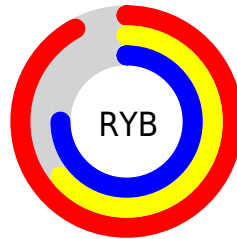
Distribution



Red (92%)

Green (64%)

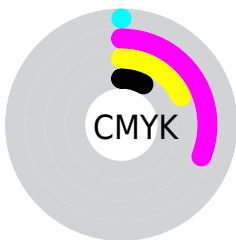
Blue (75%)



Red (92%)

Yellow (64%)

Blue (75%)

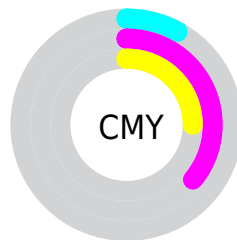


Cyan (0%)

Magenta (31%)

Yellow (18%)

Black (8%)



Cyan (8%)

Magenta (36%)

Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the RGB color 235, 163, 192 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 RGB color 235, 163, 192 by changing the saturation by 10% instead.

 235, 163, 192

 235, 163, 192


255, 255, 255

 206, 136, 165


 255, 219, 248

 178, 110, 139

 255, 247, 255

 151, 85, 113

 124, 61, 89

 98, 37, 65

 72, 12, 43

 48, 0, 23

 18, 0, 0

 0, 0, 0

 235, 163, 192

 235, 163, 192

 235, 139, 178


 235, 187, 206

 235, 116, 164

 235, 210, 220

 235, 93, 150


 235, 234, 234

 235, 69, 136

 235, 255, 248

 235, 46, 122

 235, 255, 255

 235, 22, 108

 235, 0, 95

Harmonies

Analogous

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



213, 169, 219



235, 163, 192



241, 163, 163

Triad

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



235, 163, 192



182, 188, 130



101, 196, 228

Complementary

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



235, 163, 192



163, 235, 206

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.



94, 199, 204



235, 163, 192



149, 195, 148

Square

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



235, 163, 192



210, 179, 127



116, 199, 175



136, 188, 240

Rectangle

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



235, 163, 192



236, 167, 146



116, 199, 175



95, 197, 221

Sweetspot

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



235, 163, 192



255, 232, 241



205, 163, 235



128, 113, 119



0, 0, 0



128, 128, 128

Same Dimension

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



235, 163, 192



255, 161, 199



235, 169, 163



117, 106, 110



181, 0, 73



54, 0, 22

Inverse Universe

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



235, 163, 192



255, 161, 199



163, 229, 235



117, 106, 110



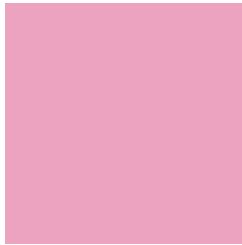
181, 0, 73



54, 0, 22

Previews

White Background



This preview shows how the RGB color 235, 163, 192 looks on a white background.

Color Contrast Check

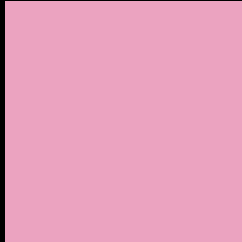
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 235, 163, 192 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](#).

RGB 235, 163, 192 Background



This preview shows how black text looks on a background with the RGB color 235, 163, 192.

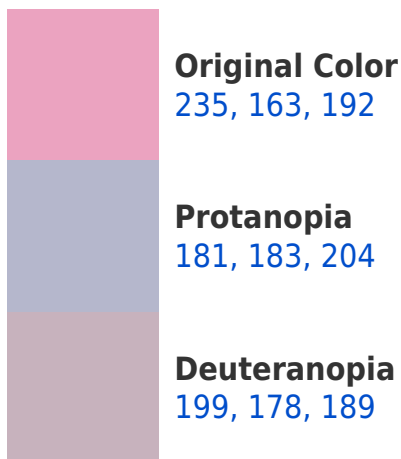



This preview shows how white text looks on a background with the RGB color 235, 163, 192.

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
233, 165, 178

Trichromacy



Original Color
235, 163, 192

Protanomaly
201, 176, 200

Deuteranomaly
212, 173, 190

Tritanomaly
234, 164, 183

Monochromacy



Original Color
235, 163, 192

Achromatopsia
188, 188, 188

Achromatomaly
205, 179, 189

CSS Examples

Text

The CSS property to change the color of the text to RGB 235, 163, 192 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(235, 163, 192)` looks like.

```
.text, #text, p{  
    color:rgb(235, 163, 192)  
}
```

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(235, 163, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 163, 192) }
```

Border

The CSS property to change the border of an element to RGB 235, 163, 192 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(235, 163, 192) }
```

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

```
.border{ border-color:rgb(235, 163, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 163, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 163, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 163, 192);  
box-shadow:4px 4px 4px 4px rgb(235, 163,  
192) }
```

Background

The CSS property to change the background color of an element to RGB 235, 163, 192 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 163, 192) }
```

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

```
.background{ background-color: rgb(235,  
163, 192) }
```

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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