

Converting Colors

`RYB(235, 196, 228)`

Have a look what the booklet for
RYB(235, 196, 228) contains.

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Color

`RYB(235, 196, 228)`

Conversions

Conversions Part 1

Format	Color
Hex	EBC4E4
RGB	235, 196, 228
RGB Percent	92%, 77%, 89%
CMY	0.0784, 0.2314, 0.1059
CMYK	0.00, 0.17, 0.03, 0.08
HSL	311°, 49%, 85%
HSV	311°, 17%, 92%
XYZ	68.0045, 62.7435, 81.9253
YIQ	211.3090, 12.9720, 18.2200

Conversions

Conversions Part 2

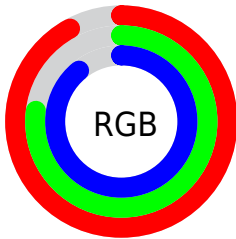
Format	Color
R _Y B	235, 196, 228
Decimal	15451364
CIE Lab	83.31, 19.15, -10.69
CIE LCh	83, 21.933, 330.838
Yxy	62.7435, 0.3198, 0.2950
Android (android.graphics.Color)	4293641444 (0xFFEBC4E4)
YUV	211.3090, 8.2287, 20.7770
Hunter-Lab	79.2108, 14.6280, -5.8743

Details

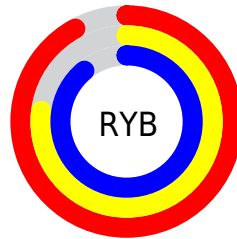
The RYB color **235, 196, 228** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **196, 229, 235**, and the grayscale version is **211, 211, 211**.

A 20% lighter version of the original color is 255, 253, 255, and **179, 142, 173** is the 20% darker color. If you saturate the color by 10%, you get **235, 172, 224**, and if you desaturate by 10%, it is **235, 220, 232**.

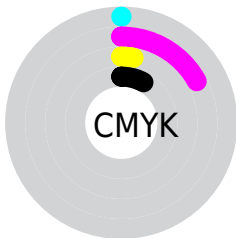
Distribution



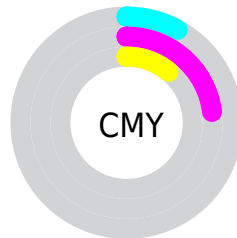
- Red (92%)
- Green (77%)
- Blue (89%)



- Red (92%)
- Yellow (77%)
- Blue (89%)



- Cyan (0%)
- Magenta (17%)
- Yellow (3%)
- Black (8%)



- Cyan (8%)
- Magenta (23%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the RYB color 235, 196, 228 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 235, 196, 228 by changing the saturation by 10% instead.

 235, 196, 228


255, 255, 255


 255, 253, 255


 235, 196, 228

 207, 169, 200


 179, 142, 173

 152, 116, 146

 126, 92, 120

 101, 68, 95

 76, 45, 72

 53, 24, 49

 33, 0, 28

 0, 0, 0

 235, 196, 228

 235, 196, 228

 235, 172, 224

 235, 220, 232

 235, 149, 220


 235, 242, 243

 235, 126, 215

 235, 250, 255

 235, 102, 211


 235, 248, 255

 235, 79, 207

 235, 247, 255

 235, 55, 203

 235, 246, 255

 235, 32, 198

 235, 245, 255

 235, 8, 194

 235, 0, 193

Harmonies

Analogous

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



212, 202, 243



235, 196, 228



248, 193, 208

Triad

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



235, 196, 228



190, 223, 166



152, 188, 228

Complementary

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



235, 196, 228



196, 229, 235

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.



158, 192, 219



235, 196, 228



172, 213, 185

Square

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



235, 196, 228



241, 219, 172



177, 209, 217



161, 194, 243

Rectangle

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



235, 196, 228



251, 194, 194



177, 209, 217



152, 186, 221

Sweetspot

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



235, 196, 228



255, 242, 253



203, 196, 235



128, 120, 126



0, 0, 0



128, 128, 128

Same Dimension

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



235, 196, 228



255, 204, 246



235, 196, 209



117, 106, 115



181, 0, 149



54, 0, 44

Inverse Universe

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



235, 196, 228



255, 204, 246



196, 219, 235



117, 106, 115



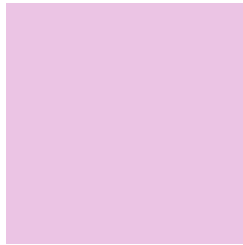
181, 0, 149



54, 0, 44

Previews

White Background



This preview shows how the RYB color 235, 196, 228 looks on a white background.

Color Contrast Check

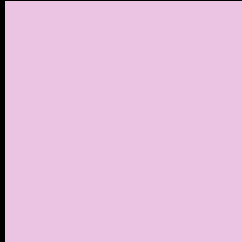
Large Text (above 18pt) WCAG AA × Fail

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 235, 196, 228 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

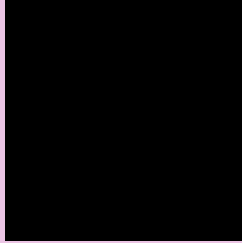
Any Text WCAG AA ✓ Pass

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 235, 196, 228 Background



This preview shows how black text looks on a background with the RYB color 235, 196, 228.



This preview shows how white text looks on a background with the RYB color 235, 196, 228.

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



Original Color
235, 196, 228

Protanopia
203, 206, 234

Deuteranopia
219, 202, 227



Tritanopia
233, 198, 214

Trichromacy



Original Color
235, 196, 228

Protanomaly
215, 202, 232

Deuteranomaly
225, 200, 227

Tritanomaly
234, 197, 219

Monochromacy



Original Color
235, 196, 228

Achromatopsia
211, 211, 211

Achromatomaly
220, 206, 217

CSS Examples

Text

The CSS property to change the color of the text to RYB 235, 196, 228 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, 196, 228) looks like.

```
.text, #text, p{  
    color:rgb(235, 196, 228)  
}
```

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, 196, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 196, 228) }
```

Border

The CSS property to change the border of an element to RYB 235, 196, 228 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, 196, 228) }
```

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

```
.border{ border-color:rgb(235, 196, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 196, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(235, 196, 228); -webkit-box-shadow:4px 4px 4px 4px rgb(235, 196, 228); box-shadow:4px 4px 4px 4px rgb(235, 196, 228) }
```

Background

The CSS property to change the background color of an element to RYB 235, 196, 228 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 196, 228) }
```

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

```
.background{ background-color: rgb(235,  
196, 228) }
```

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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