

Converting Colors

`RYB(236, 196, 200)`

Have a look what the booklet for
RYB(236, 196, 200) contains.

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Color

R_YB(236, 196, 200)

Conversions

Conversions Part 1

Format	Color
Hex	ECC4C8
RGB	236, 196, 200
RGB Percent	93%, 77%, 78%
CMY	0.0745, 0.2314, 0.2157
CMYK	0.00, 0.17, 0.15, 0.07
HSL	354°, 51%, 85%
HSV	354°, 17%, 93%
XYZ	64.7573, 61.4829, 63.0979
YIQ	208.4160, 22.5560, 9.7240

Conversions

Conversions Part 2

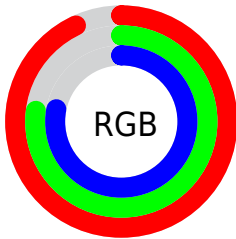
Format	Color
R _Y B	236, 196, 200
Decimal	15516872
CIE Lab	82.64, 14.80, 3.32
CIE LCh	83, 15.173, 12.646
Yxy	61.4829, 0.3420, 0.3247
Android (android.graphics.Color)	4293706952 (0xFFECC4C8)
YUV	208.4160, -4.1491, 24.1912
Hunter-Lab	78.4110, 10.1986, 7.1766

Details

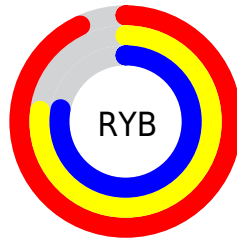
The RYB color **236, 196, 200** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **196, 217, 236**, and the grayscale version is **208, 208, 208**.

A 20% lighter version of the original color is 255, 253, 255, and **180, 142, 146** is the 20% darker color. If you saturate the color by 10%, you get **236, 172, 179**, and if you desaturate by 10%, it is **236, 220, 221**.

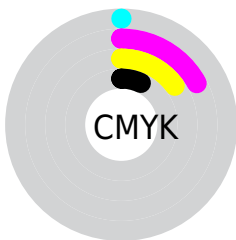
Distribution



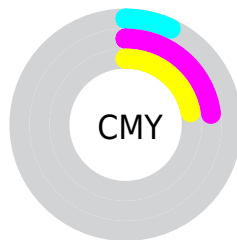
- Red (93%)
- Green (77%)
- Blue (78%)



- Red (93%)
- Yellow (77%)
- Blue (78%)



- Cyan (0%)
- Magenta (17%)
- Yellow (15%)
- Black (7%)




- Cyan (7%)
- Magenta (23%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the RYB color 236, 196, 200 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 236, 196, 200 by changing the saturation by 10% instead.


 236, 196, 200

 236, 196, 200

255, 255, 255


 208, 169, 173

 255, 253, 255


 180, 142, 146

 153, 117, 120

 126, 92, 96

 101, 68, 72

 76, 46, 50


 53, 24, 29

 34, 0, 2

 0, 0, 0

 236, 196, 200

 236, 196, 200

 236, 172, 179


 236, 220, 221

 236, 149, 158

 236, 240, 243

 236, 125, 136

 236, 246, 255

 236, 102, 115

 236, 78, 94

 236, 54, 73

 236, 31, 51

 236, 7, 30

 236, 0, 24

Harmonies

Analogous

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



230, 197, 215



236, 196, 200



234, 201, 187

Triad

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



236, 196, 200



184, 211, 201



181, 199, 232

Complementary

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



236, 196, 200



196, 217, 236

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.



171, 194, 224



236, 196, 200



180, 202, 213

Square

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



236, 196, 200



183, 211, 178



170, 193, 214



198, 204, 233

Rectangle

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



236, 196, 200



229, 212, 181



170, 193, 214



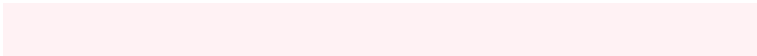
177, 198, 230

Sweetspot

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



236, 196, 200



255, 242, 244



232, 196, 236



128, 120, 121



0, 0, 0



128, 128, 128

Same Dimension

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



236, 196, 200



255, 204, 209



236, 223, 196



117, 106, 107



181, 0, 18



54, 0, 5

Inverse Universe

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



236, 196, 200



255, 204, 209



196, 211, 236



117, 106, 107



181, 0, 18



54, 0, 5

Previews

White Background



This preview shows how the RYB color 236, 196, 200 looks on a white background.

Color Contrast Check

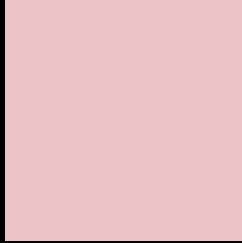
Large Text (above 18pt) WCAG AA × Fail

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 236, 196, 200 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

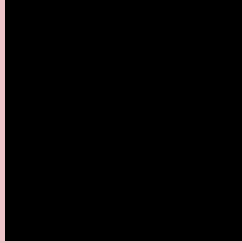
Any Text WCAG AA ✓ Pass

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 236, 196, 200 Background



This preview shows how black text looks on a background with the RYB color 236, 196, 200.



This preview shows how white text looks on a background with the RYB color 236, 196, 200.

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
236, 196, 200

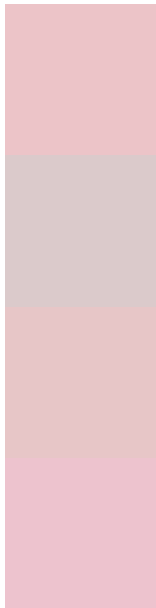
Protanopia
210, 205, 205

Deuteranopia
228, 199, 199



Tritanopia
237, 194, 210

Trichromacy



Original Color

236, 196, 200

Protanomaly

219, 202, 203

Deuteranomaly

231, 198, 199

Tritanomaly

237, 195, 206

Monochromacy



Original Color

236, 196, 200

Achromatopsia

208, 208, 208

Achromatomaly

218, 204, 205

CSS Examples

Text

The CSS property to change the color of the text to RYB 236, 196, 200 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(236, 196, 200) looks like.

```
.text, #text, p{  
    color:rgb(236, 196, 200)  
}
```

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(236, 196, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 196, 200) }
```

Border

The CSS property to change the border of an element to RYB 236, 196, 200 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(236, 196, 200) }
```

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

```
.border{ border-color:rgb(236, 196, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 196, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 196, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 196, 200);  
box-shadow:4px 4px 4px 4px rgb(236, 196,  
200) }
```

Background

The CSS property to change the background color of an element to RYB 236, 196, 200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 196, 200) }
```

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

```
.background{ background-color: rgb(236,  
196, 200) }
```

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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