

Converting Colors

`RYB(237, 206, 217)`

Have a look what the booklet for
RYB(237, 206, 217) contains.

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Color

R_YB(237, 206, 217)

Conversions

Conversions Part 1

Format	Color
Hex	EDCED9
RGB	237, 206, 217
RGB Percent	93%, 81%, 85%
CMY	0.0706, 0.1922, 0.1490
CMYK	0.00, 0.13, 0.08, 0.07
HSL	339°, 46%, 87%
HSV	339°, 13%, 93%
XYZ	69.5207, 67.1569, 74.9441
YIQ	216.5230, 14.9450, 9.9930

Conversions

Conversions Part 2

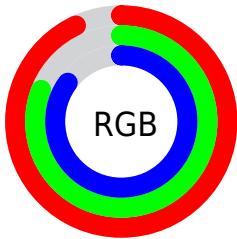
Format	Color
R _Y B	237, 206, 217
Decimal	15584985
CIE Lab	85.58, 12.64, -1.44
CIE LCh	86, 12.724, 353.491
Yxy	67.1569, 0.3285, 0.3173
Android (android.graphics.Color)	4293775065 (0xFFEDCED9)
YUV	216.5230, 0.2352, 17.9583
Hunter-Lab	81.9493, 8.0171, 3.1428

Details

The RYB color **237, 206, 217** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **206, 225, 237**, and the grayscale version is **217, 217, 217**.

A 20% lighter version of the original color is 255, 255, 255, and **181, 152, 162** is the 20% darker color. If you saturate the color by 10%, you get **237, 182, 202**, and if you desaturate by 10%, it is **237, 230, 232**.

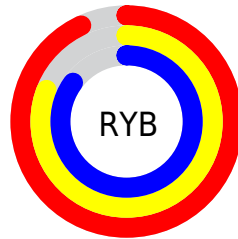
Distribution



Red (93%)

Green (81%)

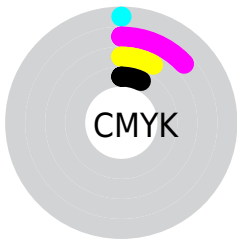
Blue (85%)



Red (93%)

Yellow (81%)

Blue (85%)

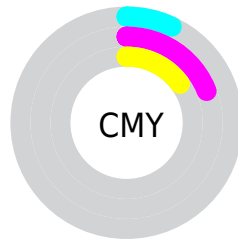


Cyan (0%)

Magenta (13%)

Yellow (8%)

Black (7%)



Cyan (7%)

Magenta (19%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the RYB color 237, 206, 217 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 237, 206, 217 by changing the saturation by 10% instead.

■ 237, 206, 217

255, 255, 255

■ 237, 206, 217

■ 209, 178, 189

■ 181, 152, 162

■ 154, 126, 136

■ 128, 101, 111

■ 103, 77, 86

■ 78, 54, 63


■ 55, 32, 41

■ 34, 11, 21


■ 0, 0, 0

 237, 206, 217

 237, 206, 217

 237, 182, 202


 237, 230, 232

 237, 159, 186

 237, 246, 253

 237, 135, 171

 237, 246, 255

 237, 111, 156

 237, 88, 141

 237, 64, 125

 237, 40, 110

 237, 16, 95

 237, 0, 84

Harmonies

Analogous

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



227, 208, 228



237, 206, 217



240, 206, 205

Triad

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



237, 206, 217



192, 216, 195



187, 206, 233

Complementary

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



237, 206, 217



206, 225, 237

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.



184, 203, 223



237, 206, 217



199, 219, 218

Square

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



237, 206, 217



215, 227, 190



189, 208, 221



198, 210, 237

Rectangle

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



237, 206, 217



238, 210, 198



189, 208, 221



185, 205, 230

Sweetspot

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



237, 206, 217



255, 245, 248



226, 206, 237



128, 121, 123



0, 0, 0



128, 128, 128

Same Dimension

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



237, 206, 217



255, 214, 229



237, 211, 206



117, 106, 110



181, 0, 64



54, 0, 19

Inverse Universe

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



237, 206, 217



255, 214, 229



206, 220, 237



117, 106, 110



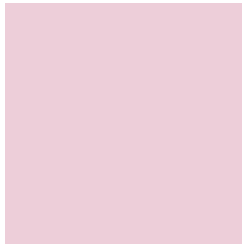
181, 0, 64



54, 0, 19

Previews

White Background



This preview shows how the RYB color 237, 206, 217 looks on a white background.

Color Contrast Check

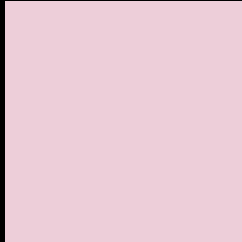
Large Text (above 18pt) WCAG AA × Fail

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 237, 206, 217 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

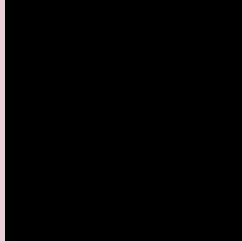
Any Text WCAG AA ✓ Pass

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 237, 206, 217 Background



This preview shows how black text looks on a background with the RYB color 237, 206, 217.



This preview shows how white text looks on a background with the RYB color 237, 206, 217.

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
[237, 206, 217](#)

Protanopia
[216, 213, 221](#)

Deuteranopia
[233, 207, 217](#)



Tritanopia
238, 205, 221

Trichromacy



Original Color

237, 206, 217

Protanomaly

224, 210, 220

Deuteranomaly

234, 207, 217

Tritanomaly

238, 205, 220

Monochromacy



Original Color

237, 206, 217

Achromatopsia

217, 217, 217

Achromatomaly

224, 213, 217

CSS Examples

Text

The CSS property to change the color of the text to RYB 237, 206, 217 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(237, 206, 217) looks like.

```
.text, #text, p{  
    color:rgb(237, 206, 217)  
}
```

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(237, 206, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 206, 217) }
```

Border

The CSS property to change the border of an element to RYB 237, 206, 217 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(237, 206, 217) }
```

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

```
.border{ border-color:rgb(237, 206, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 206, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 206, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 206, 217);  
box-shadow:4px 4px 4px 4px rgb(237, 206,  
217) }
```

Background

The CSS property to change the background color of an element to RYB 237, 206, 217 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 206, 217) }
```

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

```
.background{ background-color: rgb(237,  
206, 217) }
```

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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