

Converting Colors

`RYB(237, 214, 236)`

Have a look what the booklet for
RYB(237, 214, 236) contains.

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Color

R_YB(237, 214, 236)

Conversions

Conversions Part 1

Format	Color
Hex	EDD6EC
RGB	237, 214, 236
RGB Percent	93%, 84%, 93%
CMY	0.0706, 0.1608, 0.0745
CMYK	0.00, 0.10, 0.00, 0.07
HSL	303°, 39%, 88%
HSV	303°, 10%, 93%
XYZ	74.1119, 72.1538, 89.3778
YIQ	223.3850, 6.6460, 11.7180

Conversions

Conversions Part 2

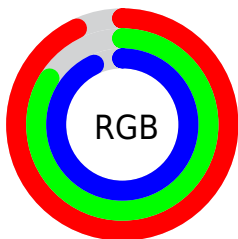
Format	Color
R _{YB}	237, 214, 236
Decimal	15587052
CIE Lab	88.04, 11.75, -7.88
CIE LCh	88, 14.146, 326.148
Yxy	72.1538, 0.3145, 0.3062
Android (android.graphics.Color)	4293777132 (0xFFEDD6EC)
YUV	223.3850, 6.2192, 11.9404
Hunter-Lab	84.9434, 7.0879, -2.9248

Details

The RYB color **237, 214, 236** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **214, 236, 237**, and the grayscale version is **223, 223, 223**.

A 20% lighter version of the original color is 255, 255, 255, and **181, 159, 180** is the 20% darker color. If you saturate the color by 10%, you get **237, 190, 235**, and if you desaturate by 10%, it is **237, 238, 238**.

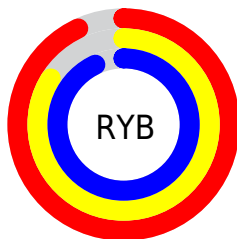
Distribution



Red (93%)

Green (84%)

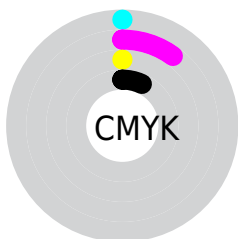
Blue (93%)



Red (93%)

Yellow (84%)

Blue (93%)

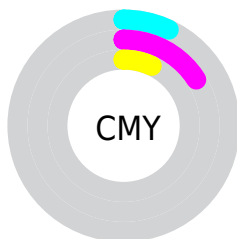


Cyan (0%)

Magenta (10%)

Yellow (0%)

Black (7%)



Cyan (7%)

Magenta (16%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the RYB color 237, 214, 236 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, 214, 236 by changing the saturation by 10% instead.

■ 237, 214, 236

255, 255, 255

■ 237, 214, 236

■ 209, 186, 208

■ 181, 159, 180

■ 154, 133, 153

■ 128, 108, 127

■ 103, 84, 102

■ 79, 60, 78


■ 56, 38, 56

■ 34, 18, 34


■ 3, 0, 11

 237, 214, 236


 237, 214, 236

 237, 190, 235


 237, 238, 238

 237, 167, 234

 237, 254, 255

 237, 143, 233

 237, 253, 255

 237, 119, 232

 237, 252, 255

 237, 95, 231

 237, 252, 255

 237, 72, 230

 237, 251, 255

 237, 48, 229

 237, 251, 255

 237, 24, 228

 237, 250, 255

 237, 1, 227

 237, 249, 255

Harmonies

Analogous

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



221, 218, 245



237, 214, 236



247, 212, 223

Triad

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



237, 214, 236



218, 234, 194



187, 209, 232

Complementary

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



237, 214, 236



214, 236, 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.



192, 213, 229



237, 214, 236



197, 224, 202

Square

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



237, 214, 236



245, 224, 199



204, 226, 227



192, 212, 243

Rectangle

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



237, 214, 236



250, 212, 214



204, 226, 227



187, 208, 229

Sweetspot

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



237, 214, 236



255, 247, 255



215, 214, 237



128, 122, 127



0, 0, 0



128, 128, 128

Same Dimension

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



237, 214, 236



255, 224, 254



237, 214, 225



117, 106, 117



181, 0, 173



54, 0, 51

Inverse Universe

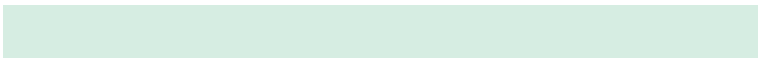
The Inverse Universe completely reimagines the original color for something new.



237, 214, 236



255, 224, 254



214, 229, 237



117, 106, 117



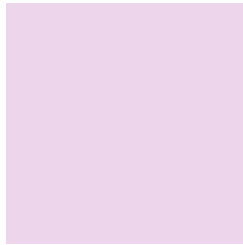
181, 0, 173



54, 0, 51

Previews

White Background



This preview shows how the RYB color 237, 214, 236 looks on a white background.

Color Contrast Check

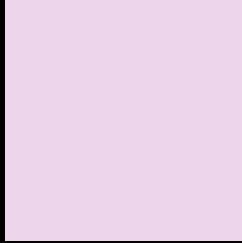
Large Text (above 18pt) WCAG AA × Fail

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, 214, 236 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

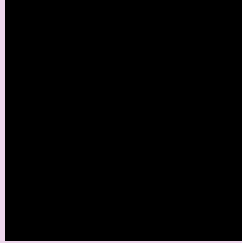
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

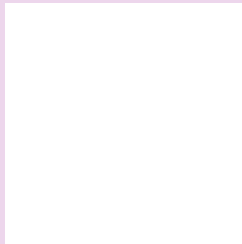
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 237, 214, 236 Background



This preview shows how black text looks on a background with the RYB color 237, 214, 236.



This preview shows how white text looks on a background with the RYB color 237, 214, 236.

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, 214, 236

Protanopia
219, 219, 239

Deuteranopia
236, 215, 236



Tritanopia
236, 215, 232

Trichromacy



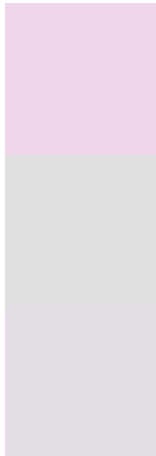
Original Color
237, 214, 236

Protanomaly
226, 217, 238

Deuteranomaly
236, 215, 236

Tritanomaly
236, 215, 233

Monochromacy



Original Color
237, 214, 236

Achromatopsia
223, 223, 223

Achromatomaly
228, 220, 228

CSS Examples

Text

The CSS property to change the color of the text to RGB 237, 214, 236 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, 214, 236) looks like.

```
.text, #text, p{  
    color:rgb(237, 214, 236)  
}
```

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, 214, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 214, 236) }
```

Border

The CSS property to change the border of an element to RYB 237, 214, 236 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, 214, 236) }
```

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

```
.border{ border-color:rgb(237, 214, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 214, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 214, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 214, 236);  
box-shadow:4px 4px 4px 4px rgb(237, 214,  
236) }
```

Background

The CSS property to change the background color of an element to RYB 237, 214, 236 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 214, 236) }
```

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

```
.background{ background-color: rgb(237,  
214, 236) }
```

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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