

Converting Colors

`RYB(237, 222, 229)`

Have a look what the booklet for
RYB(237, 222, 229) contains.

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Color

$\text{RYB}(237, 222, 229)$

Conversions

Conversions Part 1

Format	Color
Hex	EDDEE5
RGB	237, 222, 229
RGB Percent	93%, 87%, 90%
CMY	0.0706, 0.1294, 0.1020
CMYK	0.00, 0.06, 0.03, 0.07
HSL	332°, 29%, 90%
HSV	332°, 6%, 93%
XYZ	75.1892, 75.9042, 84.8168
YIQ	227.2830, 6.6930, 5.3570

Conversions

Conversions Part 2

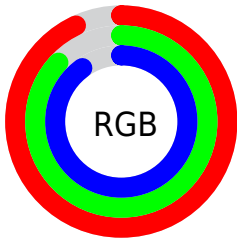
Format	Color
R _Y B	237, 222, 229
Decimal	15589093
CIE Lab	89.81, 6.33, -1.58
CIE LCh	90, 6.523, 345.955
Yxy	75.9042, 0.3187, 0.3218
Android (android.graphics.Color)	4293779173 (0xFFEDDEE5)
YUV	227.2830, 0.8465, 8.5218
Hunter-Lab	87.1230, 1.5843, 3.2656

Details

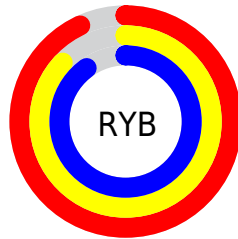
The RYB color **237, 222, 229** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **222, 232, 237**, and the grayscale version is **227, 227, 227**.

A 20% lighter version of the original color is **255, 255, 255**, and **181, 167, 174** is the 20% darker color. If you saturate the color by 10%, you get **237, 198, 216**, and if you desaturate by 10%, it is **237, 243, 246**.

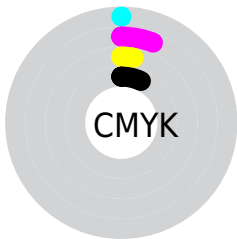
Distribution



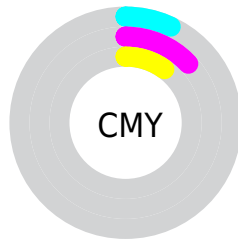
- Red (93%)
- Green (87%)
- Blue (90%)



- Red (93%)
- Yellow (87%)
- Blue (90%)



- Cyan (0%)
- Magenta (6%)
- Yellow (3%)
- Black (7%)



- Cyan (7%)
- Magenta (13%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the RYB color 237, 222, 229 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, 222, 229 by changing the saturation by 10% instead.

■ 237, 222, 229

255, 255, 255

■ 237, 222, 229

■ 209, 194, 201

■ 181, 167, 174

■ 154, 141, 147

■ 128, 115, 121

■ 103, 90, 97

■ 79, 67, 73


■ 56, 45, 50

■ 35, 24, 29

■ 13, 0, 3

 237, 222, 229


 237, 222, 229

 237, 198, 216

 237, 243, 246


 237, 175, 204

 237, 246, 255

 237, 151, 191

 237, 246, 255

 237, 127, 178

 237, 103, 166

 237, 80, 153

 237, 56, 141

 237, 32, 128

 237, 9, 115

Harmonies

Analogous

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



231, 223, 235



237, 222, 229



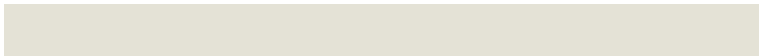
240, 222, 223

Triad

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



237, 222, 229



216, 228, 214



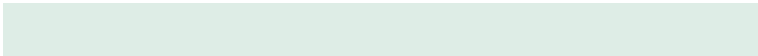
212, 222, 235

Complementary

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



237, 222, 229



222, 232, 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.



211, 221, 230



237, 222, 229



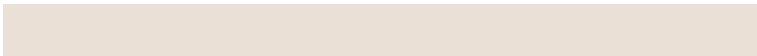
217, 228, 225

Square

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



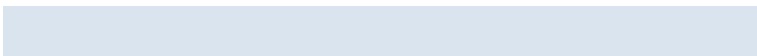
237, 222, 229



234, 234, 214



214, 223, 229



217, 224, 238

Rectangle

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



237, 222, 229



239, 223, 219



214, 223, 229



211, 221, 233

Sweetspot

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



237, 222, 229



255, 250, 252



230, 222, 237



128, 125, 126



0, 0, 0



128, 128, 128

Same Dimension

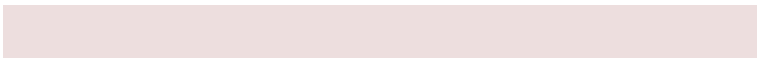
The Same Dimension uses a secret algorithm to generate beautiful new colors.



237, 222, 229



255, 235, 244



237, 222, 222



117, 106, 111



181, 0, 84



54, 0, 25

Inverse Universe

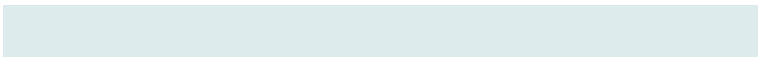
The Inverse Universe completely reimagines the original color for something new.



237, 222, 229



255, 235, 244



222, 229, 237



117, 106, 111



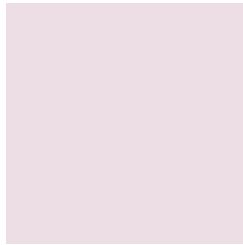
181, 0, 84



54, 0, 25

Previews

White Background



This preview shows how the RYB color 237, 222, 229 looks on a white background.

Color Contrast Check

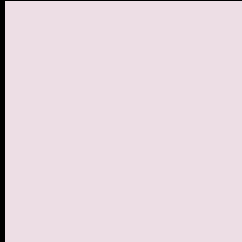
Large Text (above 18pt) WCAG AA × Fail

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, 222, 229 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

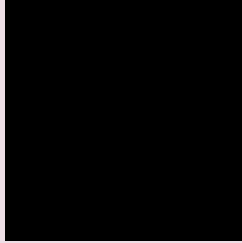
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

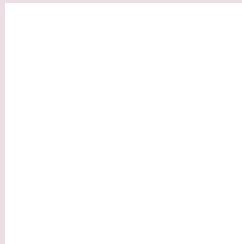
Any Text WCAG AAA ✓ Pass

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

RYB 237, 222, 229 Background



This preview shows how black text looks on a background with the RYB color 237, 222, 229.



This preview shows how white text looks on a background with the RYB color 237, 222, 229.

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](#).

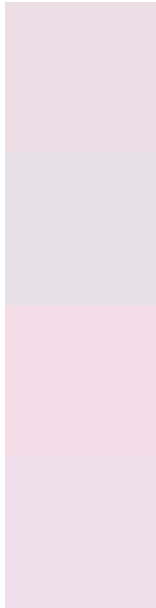
Dichromacy

	Original Color 237, 222, 229
	Protanopia 228, 225, 231
	Deuteranopia 246, 219, 230



Tritanopia
238, 221, 238

Trichromacy



Original Color

237, 222, 229

Protanomaly

231, 224, 230

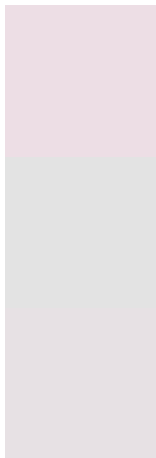
Deuteranomaly

243, 220, 230

Tritanomaly

238, 221, 235

Monochromacy



Original Color

237, 222, 229

Achromatopsia

227, 227, 227

Achromatomaly

231, 225, 228

CSS Examples

Text

The CSS property to change the color of the text to RYB 237, 222, 229 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, 222, 229) looks like.

```
.text, #text, p{  
    color:rgb(237, 222, 229)  
}
```

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, 222, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 222, 229) }
```

Border

The CSS property to change the border of an element to RYB 237, 222, 229 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, 222, 229) }
```

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

```
.border{ border-color:rgb(237, 222, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 222, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 222, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 222, 229);  
box-shadow:4px 4px 4px 4px rgb(237, 222,  
229) }
```

Background

The CSS property to change the background color of an element to RYB 237, 222, 229 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 222, 229) }
```

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

```
.background{ background-color: rgb(237,  
222, 229) }
```

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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