

Converting Colors

`RYB(233, 205, 226)`

Have a look what the booklet for
RYB(233, 205, 226) contains.

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Color

R_YB(233, 205, 226)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | E9CDE2 |
| RGB | 233, 205, 226 |
| RGB Percent | 91%, 80%, 89% |
| CMY | 0.0863, 0.1961, 0.1137 |
| CMYK | 0.00, 0.12, 0.03, 0.09 |
| HSL | 315°, 39%, 86% |
| HSV | 315°, 12%, 91% |
| XYZ | 69.1631, 66.4773, 81.1376 |
| YIQ | 215.7660, 9.9470, 12.4670 |

Conversions

Conversions Part 2

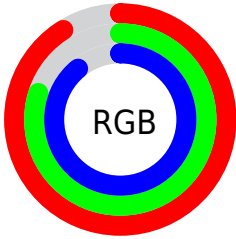
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 233, 205, 226 |
| Decimal | 15322594 |
| CIE _{Lab} | 85.24, 13.35, -6.77 |
| CIE _{LCh} | 85, 14.970, 333.105 |
| Yxy | 66.4773, 0.3191, 0.3067 |
| Android (android.graphics.Color) | 4293512674 (0xFFE9CDE2) |
| YUV | 215.7660, 5.0454, 15.1142 |
| Hunter-Lab | 81.5336, 8.7336, -1.9285 |

Details

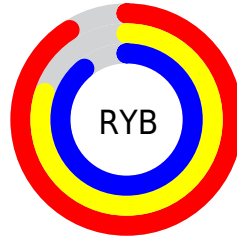
The RYB color **233, 205, 226** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **205, 227, 233**, and the grayscale version is **216, 216, 216**.

A 20% lighter version of the original color is 255, 255, 255, and **177, 151, 171** is the 20% darker color. If you saturate the color by 10%, you get **233, 182, 220**, and if you desaturate by 10%, it is **233, 228, 232**.

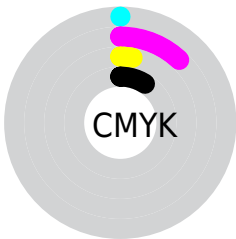
Distribution



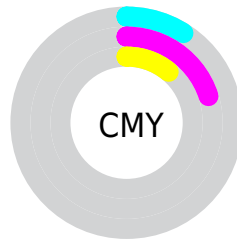
- Red (91%)
- Green (80%)
- Blue (89%)



- Red (91%)
- Yellow (80%)
- Blue (89%)



- Cyan (0%)
- Magenta (12%)
- Yellow (3%)
- Black (9%)



- Cyan (9%)
- Magenta (20%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the RYB color 233, 205, 226 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 233, 205, 226 by changing the saturation by 10% instead.


 233, 205, 226

255, 255, 255


 233, 205, 226


 205, 177, 198

 177, 151, 171


 150, 125, 144

 124, 100, 119

 99, 76, 94

 75, 53, 70


 52, 31, 48

 31, 9, 27

 0, 0, 0

 233, 205, 226

 233, 205, 226

 233, 182, 220


 233, 228, 232

 233, 158, 214

 233, 248, 252

 233, 135, 209


 233, 248, 255

 233, 112, 203


 233, 246, 255

 233, 89, 197

 233, 244, 255

 233, 65, 191

 233, 42, 185

 233, 19, 179

 233, 0, 175

Harmonies

Analogous

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



218, 209, 237



233, 205, 226



242, 203, 212

Triad

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



233, 205, 226



200, 223, 185



177, 201, 228

Complementary

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



233, 205, 226



205, 227, 233

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.



180, 202, 221



233, 205, 226



189, 217, 199

Square

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



233, 205, 226



236, 222, 188



191, 213, 220



184, 205, 238

Rectangle

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



233, 205, 226



243, 204, 202



191, 213, 220



177, 199, 223

Sweetspot

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



233, 205, 226



255, 245, 252



212, 205, 233



128, 121, 126



0, 0, 0



128, 128, 128

Same Dimension

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



233, 205, 226



255, 219, 246



233, 205, 212



117, 106, 114



181, 0, 136



54, 0, 40

Inverse Universe

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



233, 205, 226



255, 219, 246



205, 221, 233



117, 106, 114



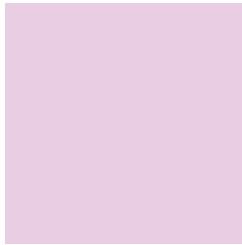
181, 0, 136



54, 0, 40

Previews

White Background



This preview shows how the RYB color 233, 205, 226 looks on a white background.

Color Contrast Check

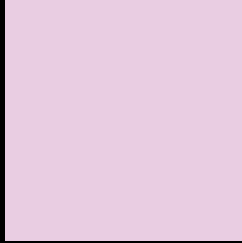
Large Text (above 18pt) WCAG AA × Fail

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 233, 205, 226 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 233, 205, 226 Background



This preview shows how black text looks on a background with the RYB color 233, 205, 226.



This preview shows how white text looks on a background with the RYB color 233, 205, 226.

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
233, 205, 226

Protanopia
212, 212, 230

Deuteranopia
228, 207, 226



Tritanopia
232, 206, 222

Trichromacy



Original Color
233, 205, 226

Protanomaly
220, 209, 229

Deuteranomaly
230, 206, 226

Tritanomaly
232, 206, 223

Monochromacy



Original Color
233, 205, 226

Achromatopsia
216, 216, 216

Achromatomaly
222, 212, 220

CSS Examples

Text

The CSS property to change the color of the text to RYB 233, 205, 226 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(233, 205, 226) looks like.

```
.text, #text, p{  
    color:rgb(233, 205, 226)  
}
```

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(233, 205, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 205, 226) }
```

Border

The CSS property to change the border of an element to RYB 233, 205, 226 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(233, 205, 226) }
```

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

```
.border{ border-color:rgb(233, 205, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 205, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 205, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 205, 226);  
box-shadow:4px 4px 4px 4px rgb(233, 205,  
226) }
```

Background

The CSS property to change the background color of an element to RGB 233, 205, 226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 205, 226) }
```

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

```
.background{ background-color: rgb(233,  
205, 226) }
```

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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