

Converting Colors

`RYB(233, 206, 207)`

Have a look what the booklet for RYB(233, 206, 207) contains.

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Color

R_YB(233, 206, 207)

Conversions

Conversions Part 1

Format	Color
Hex	E9CECF
RGB	233, 206, 207
RGB Percent	91%, 81%, 81%
CMY	0.0863, 0.1922, 0.1882
CMYK	0.00, 0.12, 0.11, 0.09
HSL	358°, 38%, 86%
HSV	358°, 12%, 91%
XYZ	66.9381, 65.9712, 68.2372
YIQ	214.1870, 15.7710, 6.0350

Conversions

Conversions Part 2

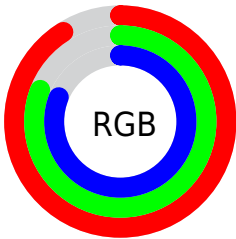
Format	Color
R_{YB}	233, 206, 207
Decimal	15322831
CIE _{Lab}	84.98, 9.59, 2.95
CIE _{LCh}	85, 10.030, 17.127
Yxy	65.9712, 0.3328, 0.3280
Android (android.graphics.Color)	4293512911 (0xFFE9CECF)
YUV	214.1870, -3.5432, 16.4990
Hunter-Lab	81.2227, 4.9675, 7.0449

Details

The RYB color **233, 206, 207** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **206, 220, 233**, and the grayscale version is **214, 214, 214**.

A 20% lighter version of the original color is **255, 255, 255**, and **177, 152, 153** is the 20% darker color. If you saturate the color by 10%, you get **233, 183, 185**, and if you desaturate by 10%, it is **233, 229, 229**.

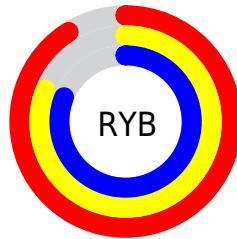
Distribution



Red (91%)

Green (81%)

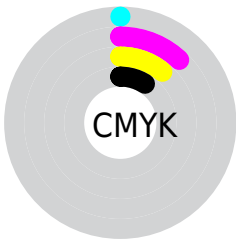
Blue (81%)



Red (91%)

Yellow (81%)

Blue (81%)

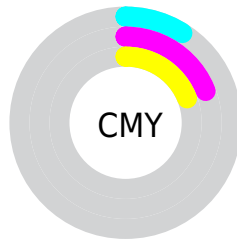


Cyan (0%)

Magenta (12%)

Yellow (11%)

Black (9%)



Cyan (9%)

Magenta (19%)

Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the RYB color 233, 206, 207 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, 206, 207 by changing the saturation by 10% instead.


 233, 206, 207

 233, 206, 207


255, 255, 255


 205, 178, 179

 177, 152, 153

 150, 126, 127

 124, 101, 102

 99, 77, 78

 75, 54, 55

 52, 33, 34

 32, 10, 11


 0, 0, 0

 233, 206, 207

 233, 206, 207

 233, 183, 185

 233, 229, 229

 233, 159, 162

 233, 243, 253

 233, 136, 140

 233, 244, 255

 233, 113, 117

 233, 90, 95

 233, 66, 72

 233, 43, 50

 233, 20, 28

 233, 0, 9

Harmonies

Analogous

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



229, 206, 217



233, 206, 207



231, 210, 199

Triad

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



233, 206, 207



199, 216, 212



198, 209, 230

Complementary

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



233, 206, 207



206, 220, 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.



191, 206, 226



233, 206, 207



194, 209, 218

Square

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



233, 206, 207



195, 214, 194



189, 204, 218



209, 211, 230

Rectangle

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



233, 206, 207



227, 220, 195



189, 204, 218



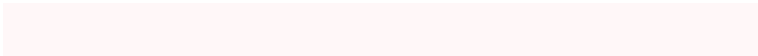
195, 208, 229

Sweetspot

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



233, 206, 207



255, 247, 248



232, 206, 233



128, 122, 123



0, 0, 0



128, 128, 128

Same Dimension

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



233, 206, 207



255, 219, 221



233, 228, 206



117, 106, 106



181, 0, 7



54, 0, 2

Inverse Universe

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



233, 206, 207



255, 219, 221



206, 216, 233



117, 106, 106



181, 0, 7



54, 0, 2

Previews

White Background



This preview shows how the RYB color 233, 206, 207 looks on a white background.

Color Contrast Check

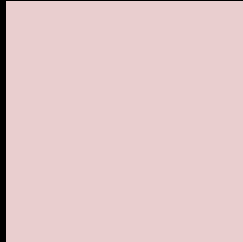
Large Text (above 18pt) WCAG AA × Fail

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, 206, 207 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

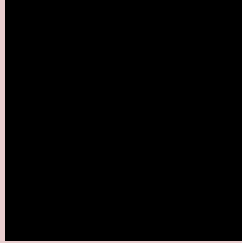
Any Text WCAG AA ✓ Pass

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, 206, 207 Background



This preview shows how black text looks on a background with the RYB color 233, 206, 207.

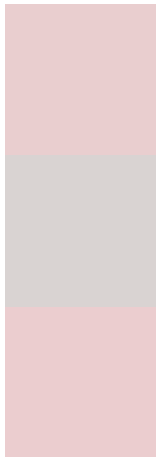


This preview shows how white text looks on a background with the RYB color 233, 206, 207.

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, 206, 207

Protanopia
217, 211, 210

Deuteranopia
235, 205, 207



Tritanopia
235, 204, 220

Trichromacy



Original Color

233, 206, 207

Protanomaly

223, 209, 209

Deuteranomaly

234, 205, 207

Tritanomaly

234, 205, 215

Monochromacy



Original Color

233, 206, 207

Achromatopsia

214, 214, 214

Achromatomaly

221, 211, 211

CSS Examples

Text

The CSS property to change the color of the text to RYB 233, 206, 207 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, 206, 207) looks like.

```
.text, #text, p{  
    color:rgb(233, 206, 207)  
}
```

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, 206, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 206, 207) }
```

Border

The CSS property to change the border of an element to RYB 233, 206, 207 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, 206, 207) }
```

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

```
.border{ border-color:rgb(233, 206, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 206, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 206, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 206, 207);  
box-shadow:4px 4px 4px 4px rgb(233, 206,  
207) }
```

Background

The CSS property to change the background color of an element to RGB 233, 206, 207 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 206, 207) }
```

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

```
.background{ background-color: rgb(233,  
206, 207) }
```

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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