

Converting Colors

`RYB(228, 201, 202)`

Have a look what the booklet for
RYB(228, 201, 202) contains.

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Color

R_YB(228, 201, 202)

Conversions

Conversions Part 1

Format	Color
Hex	E4C9CA
RGB	228, 201, 202
RGB Percent	89%, 79%, 79%
CMY	0.1059, 0.2118, 0.2078
CMYK	0.00, 0.12, 0.11, 0.11
HSL	358°, 33%, 84%
HSV	358°, 12%, 89%
XYZ	63.5422, 62.5315, 64.5979
YIQ	209.1870, 15.7710, 6.0350

Conversions

Conversions Part 2

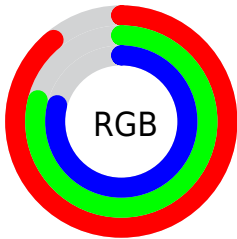
Format	Color
RYB	228, 201, 202
Decimal	14993866
CIELab	83.20, 9.63, 2.97
CIELCh	83, 10.080, 17.149
Yxy	62.5315, 0.3333, 0.3280
Android (android.graphics.Color)	4293183946 (0xFFE4C9CA)
YUV	209.1870, -3.5432, 16.4990
Hunter-Lab	79.0769, 5.0491, 6.9198

Details

The RYB color **228, 201, 202** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **201, 215, 228**, and the grayscale version is **209, 209, 209**.

A 20% lighter version of the original color is 255, 255, 255, and **172, 147, 148** is the 20% darker color. If you saturate the color by 10%, you get **228, 178, 180**, and if you desaturate by 10%, it is **228, 224, 224**.

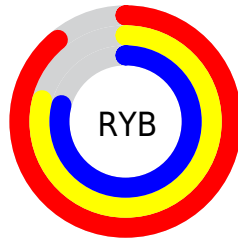
Distribution



Red (89%)

Green (79%)

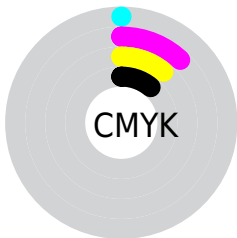
Blue (79%)



Red (89%)

Yellow (79%)

Blue (79%)

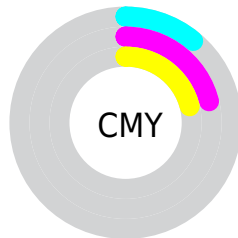


Cyan (0%)

Magenta (12%)

Yellow (11%)

Black (11%)



Cyan (11%)

Magenta (21%)

Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the RYB color 228, 201, 202 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 228, 201, 202 by changing the saturation by 10% instead.

 228, 201, 202

 228, 201, 202

255, 255, 255


 200, 174, 175


 172, 147, 148

 146, 121, 122

 120, 96, 97

 95, 73, 74

 71, 50, 51


 48, 29, 30

 29, 4, 5

 0, 0, 0

 228, 201, 202

 228, 201, 202

 228, 178, 180

 228, 224, 224

 228, 155, 158

 228, 238, 247

 228, 133, 136

 228, 242, 255

 228, 110, 114

 228, 87, 92

 228, 64, 70

 228, 41, 48

 228, 19, 26

 228, 0, 8

Harmonies

Analogous

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



224, 201, 212



228, 201, 202



226, 205, 194

Triad

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



228, 201, 202



194, 211, 207



193, 204, 225

Complementary

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



228, 201, 202



201, 215, 228

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.



186, 201, 221



228, 201, 202



189, 204, 213

Square

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



228, 201, 202



190, 209, 189



184, 199, 213



204, 206, 225

Rectangle

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



228, 201, 202



222, 215, 190



184, 199, 213



190, 203, 224

Sweetspot

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



228, 201, 202



255, 245, 245



227, 201, 228



128, 121, 121



0, 0, 0



128, 128, 128

Same Dimension

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



228, 201, 202



255, 219, 221



228, 223, 201



115, 103, 104



179, 0, 7



51, 0, 2

Inverse Universe

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



228, 201, 202



255, 219, 221



201, 211, 228



115, 103, 104



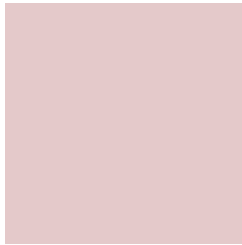
179, 0, 7



51, 0, 2

Previews

White Background



This preview shows how the RYB color 228, 201, 202 looks on a white background.

Color Contrast Check

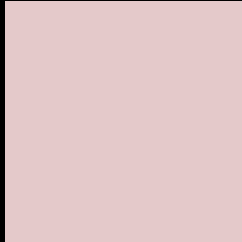
Large Text (above 18pt) WCAG AA × Fail

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 228, 201, 202 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

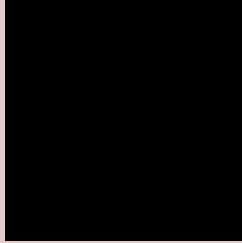
Any Text WCAG AA ✓ Pass

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 228, 201, 202 Background



This preview shows how black text looks on a background with the RYB color 228, 201, 202.




This preview shows how white text looks on a background with the RYB color 228, 201, 202.

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](#).

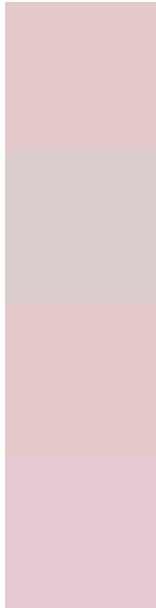
Dichromacy

	Original Color 228 , 201 , 202
	Protanopia 211 , 206 , 205
	Deuteranopia 229 , 201 , 202



Tritanopia
230, 199, 215

Trichromacy



Original Color

228, 201, 202

Protanomaly

217, 204, 204

Deuteranomaly

229, 201, 202

Tritanomaly

229, 200, 210

Monochromacy



Original Color

228, 201, 202

Achromatopsia

209, 209, 209

Achromatomaly

216, 206, 206

CSS Examples

Text

The CSS property to change the color of the text to RYB 228, 201, 202 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(228, 201, 202) looks like.

```
.text, #text, p{  
    color:rgb(228, 201, 202)  
}
```

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(228, 201, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 201, 202) }
```

Border

The CSS property to change the border of an element to RYB 228, 201, 202 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(228, 201, 202) }
```

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

```
.border{ border-color:rgb(228, 201, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 201, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 201, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 201, 202);  
box-shadow:4px 4px 4px 4px rgb(228, 201,  
202) }
```

Background

The CSS property to change the background color of an element to RYB 228, 201, 202 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 201, 202) }
```

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

```
.background{ background-color: rgb(228,  
201, 202) }
```

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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