

Converting Colors

`RYB(232, 189, 213)`

Have a look what the booklet for RYB(232, 189, 213) contains.

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Color

R_YB(232, 189, 213)

Conversions

Conversions Part 1

Format	Color
Hex	E8BDD5
RGB	232, 189, 213
RGB Percent	91%, 74%, 84%
CMY	0.0902, 0.2588, 0.1647
CMYK	0.00, 0.19, 0.08, 0.09
HSL	327°, 48%, 83%
HSV	327°, 19%, 91%
XYZ	63.4865, 58.3551, 70.8683
YIQ	204.5930, 17.9240, 16.5800

Conversions

Conversions Part 2

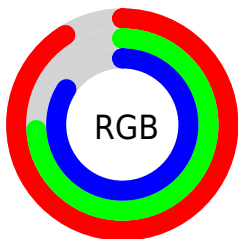
Format	Color
R _Y B	232, 189, 213
Decimal	15252949
CIE Lab	80.94, 19.24, -6.19
CIE LCh	81, 20.216, 342.158
Yxy	58.3551, 0.3294, 0.3028
Android (android.graphics.Color)	4293443029 (0xFFE8BDD5)
YUV	204.5930, 4.1447, 24.0359
Hunter-Lab	76.3905, 14.6642, -1.5307

Details

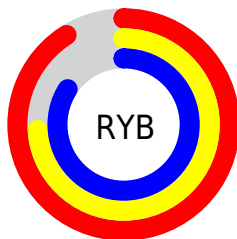
The RYB color **232, 189, 213** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **189, 219, 232**, and the grayscale version is **205, 205, 205**.

A 20% lighter version of the original color is **255, 245, 255**, and **176, 135, 158** is the 20% darker color. If you saturate the color by 10%, you get **232, 166, 203**, and if you desaturate by 10%, it is **232, 212, 223**.

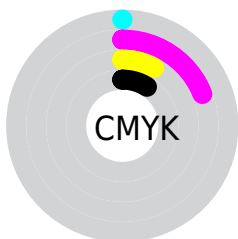
Distribution



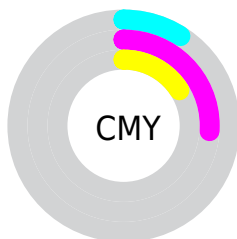
- Red (91%)
- Green (74%)
- Blue (84%)



- Red (91%)
- Yellow (74%)
- Blue (84%)



- Cyan (0%)
- Magenta (19%)
- Yellow (8%)
- Black (9%)



- Cyan (9%)
- Magenta (26%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the RYB color 232, 189, 213 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 232, 189, 213 by changing the saturation by 10% instead.

 232, 189, 213

255, 255, 255

 255, 245, 255


 232, 189, 213

 204, 162, 185


 176, 135, 158

 149, 110, 132

 123, 85, 107

 98, 62, 83

 73, 39, 60


 50, 18, 38

 32, 0, 18


 0, 0, 0

 232, 189, 213


 232, 189, 213

 232, 166, 203

 232, 212, 223

 232, 143, 192

 232, 234, 235

 232, 119, 182

 232, 247, 255

 232, 96, 172

 232, 244, 255

 232, 73, 162

 232, 244, 255

 232, 50, 151

 232, 27, 141

 232, 3, 131

 232, 0, 129

Harmonies

Analogous

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



214, 194, 229



232, 189, 213



240, 188, 194

Triad

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



232, 189, 213



171, 208, 164



152, 185, 226

Complementary

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



232, 189, 213



189, 219, 232

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.



152, 183, 212



232, 189, 213



173, 208, 195

Square

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



232, 189, 213



224, 226, 165



166, 196, 211



166, 191, 236

Rectangle

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



232, 189, 213



240, 190, 182



166, 196, 211



150, 183, 220

Sweetspot

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



232, 189, 213



255, 240, 248



208, 189, 232



128, 119, 124



0, 0, 0



128, 128, 128

Same Dimension

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



232, 189, 213



255, 199, 230



232, 189, 192



115, 103, 110



179, 0, 100



51, 0, 28

Inverse Universe

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



232, 189, 213



255, 199, 230



189, 211, 232



115, 103, 110



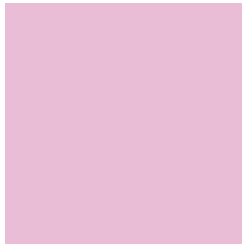
179, 0, 100



51, 0, 28

Previews

White Background



This preview shows how the RYB color 232, 189, 213 looks on a white background.

Color Contrast Check

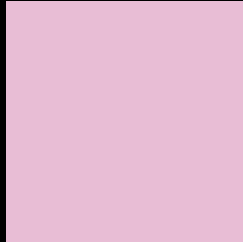
Large Text (above 18pt) WCAG AA × Fail

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 232, 189, 213 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 232, 189, 213 Background



This preview shows how black text looks on a background with the RYB color 232, 189, 213.



This preview shows how white text looks on a background with the RYB color 232, 189, 213.

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
232, 189, 213

Protanopia
199, 200, 220

Deuteranopia
216, 195, 212



Tritanopia
231, 190, 205

Trichromacy



Original Color

232, 189, 213

Protanomaly

211, 196, 217

Deuteranomaly

222, 193, 212

Tritanomaly

231, 190, 208

Monochromacy



Original Color

232, 189, 213

Achromatopsia

205, 205, 205

Achromatomaly

215, 199, 208

CSS Examples

Text

The CSS property to change the color of the text to RYB 232, 189, 213 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(232, 189, 213) looks like.

```
.text, #text, p{  
    color:rgb(232, 189, 213)  
}
```

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(232, 189, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 189, 213) }
```

Border

The CSS property to change the border of an element to RYB 232, 189, 213 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(232, 189, 213) }
```

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

```
.border{ border-color:rgb(232, 189, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 189, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 189, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 189, 213);  
box-shadow:4px 4px 4px 4px rgb(232, 189,  
213) }
```

Background

The CSS property to change the background color of an element to RYB 232, 189, 213 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 189, 213) }
```

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

```
.background{ background-color: rgb(232,  
189, 213) }
```

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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