

Converting Colors

`RYB(234, 189, 208)`

Have a look what the booklet for
RYB(234, 189, 208) contains.

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Color

R_YB(234, 189, 208)

Conversions

Conversions Part 1

Format	Color
Hex	EABDD0
RGB	234, 189, 208
RGB Percent	92%, 74%, 82%
CMY	0.0824, 0.2588, 0.1843
CMYK	0.00, 0.19, 0.11, 0.08
HSL	335°, 52%, 83%
HSV	335°, 19%, 92%
XYZ	63.5144, 58.4417, 67.6073
YIQ	204.6210, 20.7210, 15.4490

Conversions

Conversions Part 2

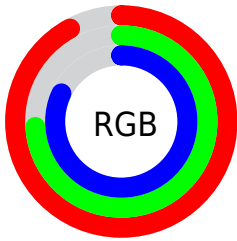
Format	Color
R_{YB}	234, 189, 208
Decimal	15384016
CIE _{Lab}	80.98, 19.10, -3.41
CIE _{LCh}	81, 19.403, 349.875
Yxy	58.4417, 0.3351, 0.3083
Android (android.graphics.Color)	4293574096 (0xFFEABDD0)
YUV	204.6210, 1.6658, 25.7654
Hunter-Lab	76.4472, 14.5203, 1.0789

Details

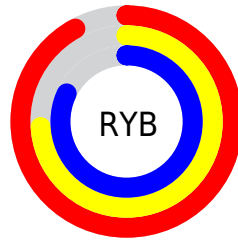
The RYB color **234, 189, 208** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **189, 218, 234**, and the grayscale version is **205, 205, 205**.

A 20% lighter version of the original color is **255, 245, 255**, and **178, 135, 154** is the 20% darker color. If you saturate the color by 10%, you get **234, 166, 194**, and if you desaturate by 10%, it is **234, 212, 222**.

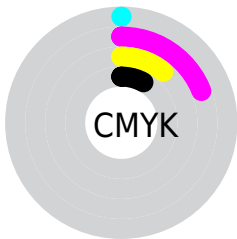
Distribution



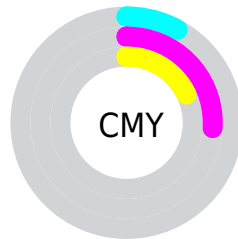
- Red (92%)
- Green (74%)
- Blue (82%)



- Red (92%)
- Yellow (74%)
- Blue (82%)



- Cyan (0%)
- Magenta (19%)
- Yellow (11%)
- Black (8%)




- Cyan (8%)
- Magenta (26%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the RYB color 234, 189, 208 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 234, 189, 208 by changing the saturation by 10% instead.

 234, 189, 208


255, 255, 255

 255, 245, 255

 234, 189, 208


 206, 162, 180


 178, 135, 154

 151, 110, 128

 125, 85, 103


 99, 62, 79

 75, 39, 56


 51, 18, 34

 33, 0, 13

 0, 0, 0

 234, 189, 208


 234, 189, 208

 234, 166, 194

 234, 212, 222

 234, 142, 181

 234, 235, 236

 234, 119, 167

 234, 246, 255

 234, 95, 154

 234, 245, 255

 234, 72, 140

 234, 49, 127

 234, 25, 113

 234, 2, 100

 234, 0, 99

Harmonies

Analogous

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



219, 193, 225



234, 189, 208



239, 189, 190

Triad

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



234, 189, 208



167, 204, 169



157, 187, 228

Complementary

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



234, 189, 208



189, 218, 234

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.



153, 183, 213



234, 189, 208



177, 209, 204

Square

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



234, 189, 208



206, 221, 166



163, 192, 211



173, 194, 236

Rectangle

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



234, 189, 208



237, 194, 179



163, 192, 211



154, 185, 224

Sweetspot

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



234, 189, 208



255, 240, 246



214, 189, 234



128, 119, 122



0, 0, 0



128, 128, 128

Same Dimension

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



234, 189, 208



255, 196, 221



234, 192, 189



117, 106, 111



181, 0, 76



54, 0, 23

Inverse Universe

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



234, 189, 208



255, 196, 221



189, 211, 234



117, 106, 111



181, 0, 76



54, 0, 23

Previews

White Background



This preview shows how the RYB color 234, 189, 208 looks on a white background.

Color Contrast Check

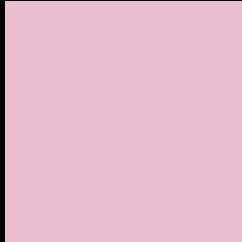
Large Text (above 18pt) WCAG AA × Fail

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 234, 189, 208 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 234, 189, 208 Background



This preview shows how black text looks on a background with the RYB color 234, 189, 208.



This preview shows how white text looks on a background with the RYB color 234, 189, 208.

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
234, 189, 208

Protanopia
201, 200, 215

Deuteranopia
218, 195, 207



Tritanopia
234, 190, 204

Trichromacy



Original Color
234, 189, 208

Protanomaly
213, 196, 212

Deuteranomaly
224, 193, 207

Tritanomaly
234, 190, 205

Monochromacy



Original Color
234, 189, 208

Achromatopsia
205, 205, 205

Achromatomaly
216, 199, 206

CSS Examples

Text

The CSS property to change the color of the text to RYB 234, 189, 208 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(234, 189, 208) looks like.

```
.text, #text, p{  
    color:rgb(234, 189, 208)  
}
```

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(234, 189, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 189, 208) }
```

Border

The CSS property to change the border of an element to RYB 234, 189, 208 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(234, 189, 208) }
```

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

```
.border{ border-color:rgb(234, 189, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 189, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 189, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 189, 208);  
box-shadow:4px 4px 4px 4px rgb(234, 189,  
208) }
```

Background

The CSS property to change the background color of an element to RYB 234, 189, 208 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 189, 208) }
```

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

```
.background{ background-color: rgb(234,  
189, 208) }
```

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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