

Converting Colors

`RYB(238, 189, 196)`

Have a look what the booklet for
RYB(238, 189, 196) contains.

RYB(238, 189, 196)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

R_YB(238, 189, 196)

Conversions

Conversions Part 1

Format	Color
Hex	EEBDC4
RGB	238, 189, 196
RGB Percent	93%, 74%, 77%
CMY	0.0667, 0.2588, 0.2314
CMYK	0.00, 0.21, 0.18, 0.07
HSL	351°, 59%, 84%
HSV	351°, 21%, 93%
XYZ	63.4213, 58.5579, 60.1847
YIQ	204.4490, 26.9570, 12.5650

Conversions

Conversions Part 2

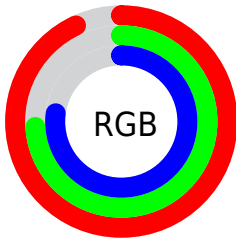
Format	Color
R _Y B	238, 189, 196
Decimal	15646148
CIE Lab	81.05, 18.61, 3.19
CIE LCh	81, 18.881, 9.719
Yxy	58.5579, 0.3482, 0.3215
Android (android.graphics.Color)	4293836228 (0xFFEEBDC4)
YUV	204.4490, -4.1654, 29.4242
Hunter-Lab	76.5231, 14.0229, 6.9352

Details

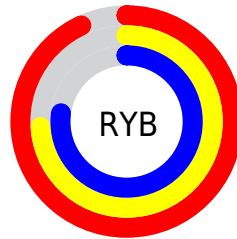
The RYB color **238, 189, 196** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **189, 215, 238**, and the grayscale version is **204, 204, 204**.

A 20% lighter version of the original color is **255, 245, 253**, and **181, 135, 142** is the 20% darker color. If you saturate the color by 10%, you get **238, 165, 176**, and if you desaturate by 10%, it is **238, 213, 216**.

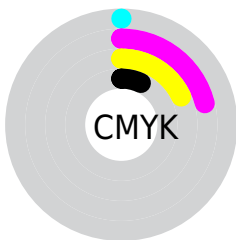
Distribution



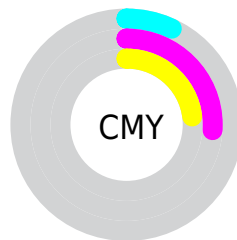
- Red (93%)
- Green (74%)
- Blue (77%)



- Red (93%)
- Yellow (74%)
- Blue (77%)



- Cyan (0%)
- Magenta (21%)
- Yellow (18%)
- Black (7%)



- Cyan (7%)
- Magenta (26%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the RYB color 238, 189, 196 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 238, 189, 196 by changing the saturation by 10% instead.

 238, 189, 196


255, 255, 255

 255, 245, 253

 238, 189, 196

 209, 162, 169

 181, 135, 142

 154, 110, 117

 128, 85, 92

 102, 62, 69

 77, 39, 47


 53, 18, 26

 35, 0, 0

 0, 0, 0

 238, 189, 196

 238, 189, 196

 238, 165, 176


 238, 213, 216

 238, 141, 155

 238, 237, 237

 238, 118, 135

 238, 247, 255

 238, 94, 114

 238, 70, 94

 238, 46, 74

 238, 22, 53

 238, 0, 34

Harmonies

Analogous

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



229, 190, 214



238, 189, 196



237, 194, 179

Triad

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



238, 189, 196



174, 207, 192



168, 192, 234

Complementary

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



238, 189, 196



189, 215, 238

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.



156, 186, 223



238, 189, 196



170, 198, 211

Square

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



238, 189, 196



175, 209, 167



157, 186, 212



189, 199, 236

Rectangle

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



238, 189, 196



231, 208, 171



157, 186, 212



162, 190, 231

Sweetspot

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



238, 189, 196



255, 240, 242



231, 189, 238



128, 119, 120



0, 0, 0



128, 128, 128

Same Dimension

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



238, 189, 196



255, 191, 200



238, 215, 189



120, 108, 110



184, 0, 26



56, 0, 8

Inverse Universe

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



238, 189, 196



255, 191, 200



189, 208, 238



120, 108, 110



184, 0, 26



56, 0, 8

Previews

White Background



This preview shows how the RYB color 238, 189, 196 looks on a white background.

Color Contrast Check

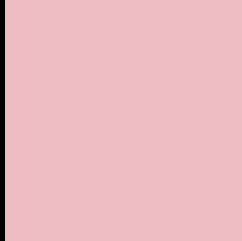
Large Text (above 18pt) WCAG AA × Fail

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 238, 189, 196 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 238, 189, 196 Background



This preview shows how black text looks on a background with the RYB color 238, 189, 196.



This preview shows how white text looks on a background with the RYB color 238, 189, 196.

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
238, 189, 196

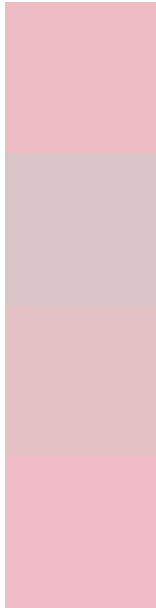
Protanopia
205, 201, 203

Deuteranopia
223, 195, 195



Tritanopia
239, 188, 203

Trichromacy



Original Color

238, 189, 196

Protanomaly

217, 197, 200

Deuteranomaly

228, 193, 195

Tritanomaly

239, 188, 200

Monochromacy



Original Color

238, 189, 196

Achromatopsia

204, 204, 204

Achromatomaly

216, 199, 201

CSS Examples

Text

The CSS property to change the color of the text to RYB 238, 189, 196 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(238, 189, 196) looks like.

```
.text, #text, p{  
    color:rgb(238, 189, 196)  
}
```

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(238, 189, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 189, 196) }
```

Border

The CSS property to change the border of an element to RYB 238, 189, 196 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(238, 189, 196) }
```

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

```
.border{ border-color:rgb(238, 189, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 189, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 189, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 189, 196);  
box-shadow:4px 4px 4px 4px rgb(238, 189,  
196) }
```

Background

The CSS property to change the background color of an element to RYB 238, 189, 196 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 189, 196) }
```

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

```
.background{ background-color: rgb(238,  
189, 196) }
```

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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