

Converting Colors

`RYB(238, 200, 221)`

Have a look what the booklet for
RYB(238, 200, 221) contains.

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Color

`RYB(238, 200, 221)`

Conversions

Conversions Part 1	
Format	Color
Hex	EEC8DD
RGB	238, 200, 221
RGB Percent	93%, 78%, 87%
CMY	0.0667, 0.2157, 0.1333
CMYK	0.00, 0.16, 0.07, 0.07
HSL	327°, 53%, 86%
HSV	327°, 16%, 93%
XYZ	68.9653, 64.7062, 77.2613
YIQ	213.7560, 15.9070, 14.5870

Conversions

Conversions Part 2

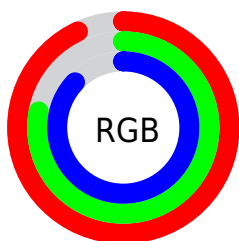
Format	Color
RYB	238, 200, 221
Decimal	15648989
CIELab	84.33, 16.83, -5.40
CIELCh	84, 17.677, 342.210
Yxy	64.7062, 0.3270, 0.3068
Android (android.graphics.Color)	4293839069 (0xFFEEC8DD)
YUV	213.7560, 3.5713, 21.2620
Hunter-Lab	80.4401, 12.2667, -0.6389

Details

The RYB color **238, 200, 221** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **200, 226, 238**, and the grayscale version is **214, 214, 214**.

A 20% lighter version of the original color is **255, 255, 255**, and **182, 146, 166** is the 20% darker color. If you saturate the color by 10%, you get **238, 176, 210**, and if you desaturate by 10%, it is **238, 224, 232**.

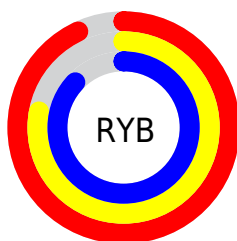
Distribution



Red (93%)

Green (78%)

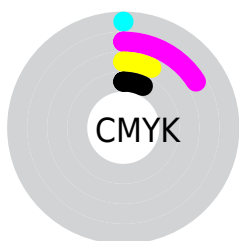
Blue (87%)



Red (93%)

Yellow (78%)

Blue (87%)

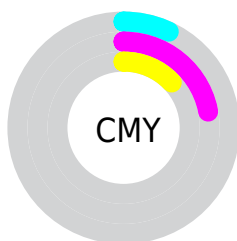


Cyan (0%)

Magenta (16%)

Yellow (7%)

Black (7%)



Cyan (7%)

Magenta (22%)

Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the RYB color 238, 200, 221 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, 200, 221 by changing the saturation by 10% instead.

 238, 200, 221

 238, 200, 221

255, 255, 255

 210, 173, 193

 182, 146, 166

 155, 120, 140

 129, 95, 114

 103, 71, 90

 79, 49, 66

 55, 27, 44

 34, 3, 24

 0, 0, 0

 238, 200, 221

 238, 200, 221

 238, 176, 210

 238, 224, 232

 238, 152, 200


 238, 245, 248


 238, 129, 189

 238, 247, 255


 238, 105, 178

 238, 247, 255

 238, 81, 168

 238, 57, 157

 238, 33, 146

 238, 10, 136

 238, 0, 132

Harmonies

Analogous

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



222, 204, 235



238, 200, 221



246, 199, 204

Triad

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



238, 200, 221



185, 217, 178



168, 196, 232

Complementary

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



238, 200, 221



200, 226, 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.



169, 195, 220



238, 200, 221



185, 216, 204

Square

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



238, 200, 221



233, 233, 179



180, 206, 219



181, 203, 242

Rectangle

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



238, 200, 221



245, 201, 193



180, 206, 219



167, 195, 227

Sweetspot

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



238, 200, 221



255, 242, 249



216, 200, 238



128, 120, 124



0, 0, 0



128, 128, 128

Same Dimension

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



238, 200, 221



255, 207, 233



238, 200, 203



120, 108, 114



184, 0, 101



56, 0, 31

Inverse Universe

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



238, 200, 221



255, 207, 233



200, 220, 238



120, 108, 114



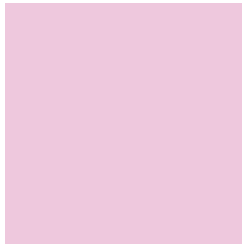
184, 0, 101



56, 0, 31

Previews

White Background



This preview shows how the RYB color 238, 200, 221 looks on a white background.

Color Contrast Check

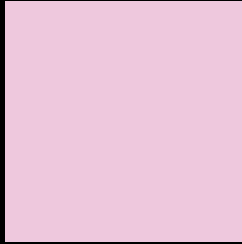
Large Text (above 18pt) WCAG AA × Fail

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, 200, 221 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

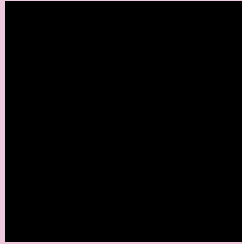
Any Text WCAG AA ✓ Pass

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, 200, 221 Background



This preview shows how black text looks on a background with the RYB color 238, 200, 221.



This preview shows how white text looks on a background with the RYB color 238, 200, 221.

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, 200, 221

Protanopia

210, 209, 227

Deuteranopia

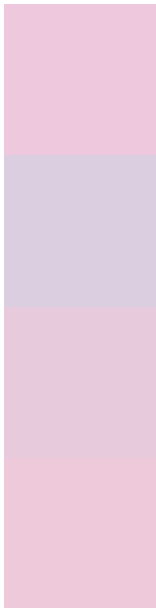
227, 204, 220



Tritanopia

237, 201, 216

Trichromacy



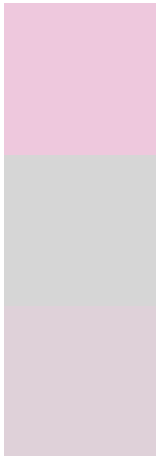
Original Color
238, 200, 221

Protanomaly
220, 206, 225

Deuteranomaly
231, 203, 220

Tritanomaly
237, 201, 218

Monochromacy



Original Color
238, 200, 221

Achromatopsia
214, 214, 214

Achromatomaly
223, 209, 217

CSS Examples

Text

The CSS property to change the color of the text to RGB 238, 200, 221 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, 200, 221) looks like.

```
.text, #text, p{  
    color:rgb(238, 200, 221)  
}
```

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, 200, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 200, 221) }
```

Border

The CSS property to change the border of an element to RYB 238, 200, 221 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, 200, 221) }
```

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

```
.border{ border-color:rgb(238, 200, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 200, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 200, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 200, 221);  
box-shadow:4px 4px 4px 4px rgb(238, 200,  
221) }
```

Background

The CSS property to change the background color of an element to RGB 238, 200, 221 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 200, 221) }
```

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

```
.background{ background-color: rgb(238,  
200, 221) }
```

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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