

Converting Colors

`RYB(236, 208, 238)`

Have a look what the booklet for
RYB(236, 208, 238) contains.

RYB(236, 208, 238)	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(236, 208, 238)

Conversions

Conversions Part 1

Format	Color
Hex	ECD0EE
RGB	236, 208, 238
RGB Percent	93%, 82%, 93%
CMY	0.0745, 0.1843, 0.0667
CMYK	0.01, 0.13, 0.00, 0.07
HSL	296°, 47%, 87%
HSV	296°, 13%, 93%
XYZ	72.5806, 69.1177, 90.4046
YIQ	219.7920, 7.0580, 15.2660

Conversions

Conversions Part 2

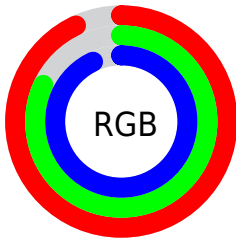
Format	Color
R _Y B	236, 208, 238
Decimal	15519982
CIE Lab	86.56, 14.94, -11.15
CIE LCh	87, 18.637, 323.268
Yxy	69.1177, 0.3127, 0.2978
Android (android.graphics.Color)	4293710062 (0xFFECD0EE)
YUV	219.7920, 8.9765, 14.2144
Hunter-Lab	83.1370, 10.3448, -6.2770

Details

The RYB color **236, 208, 238** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **208, 238, 236**, and the grayscale version is **220, 220, 220**.

A 20% lighter version of the original color is 255, 255, 255, and **180, 154, 182** is the 20% darker color. If you saturate the color by 10%, you get **234, 184, 238**, and if you desaturate by 10%, it is **238, 232, 238**.

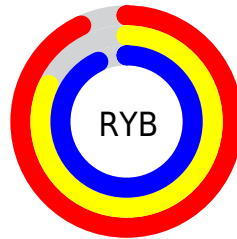
Distribution



Red (93%)

Green (82%)

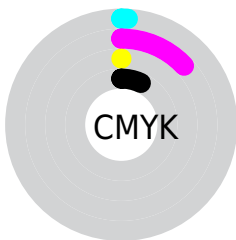
Blue (93%)



Red (93%)

Yellow (82%)

Blue (93%)

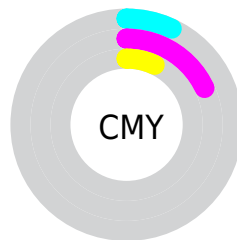


Cyan (1%)

Magenta (13%)

Yellow (0%)

Black (7%)



Cyan (7%)

Magenta (18%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the RYB color 236, 208, 238 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 236, 208, 238 by changing the saturation by 10% instead.

■ 236, 208, 238

255, 255, 255

■ 236, 208, 238

■ 208, 180, 210

■ 180, 154, 182

■ 153, 128, 155

■ 127, 102, 129

■ 102, 78, 104

■ 78, 55, 80

■ 55, 34, 57

■ 33, 13, 35

■ 0, 0, 13

 236, 208, 238


 236, 208, 238

 234, 184, 238


 238, 232, 238

 233, 160, 238


 238, 255, 254

 231, 137, 238

 238, 255, 252

 230, 113, 238

 238, 255, 251

 228, 89, 238

 238, 255, 249

 226, 65, 238

 238, 255, 247

 225, 41, 238

 238, 255, 246

 223, 18, 238

 238, 255, 244

 222, 0, 238

 238, 255, 243

Harmonies

Analogous

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



215, 213, 249



236, 208, 238



250, 205, 221

Triad

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



236, 208, 238



217, 235, 182



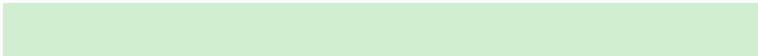
170, 199, 230

Complementary

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



236, 208, 238



208, 238, 236

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.



179, 207, 227



236, 208, 238



184, 220, 188

Square

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



236, 208, 238



249, 219, 189



195, 224, 223



175, 204, 244

Rectangle

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



236, 208, 238



254, 205, 209



195, 224, 223



172, 200, 227

Sweetspot

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



236, 208, 238



254, 245, 255



208, 210, 238



127, 121, 128



0, 0, 0



128, 128, 128

Same Dimension

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



236, 208, 238



252, 217, 255



238, 208, 225



119, 108, 120



171, 0, 184



52, 0, 56

Inverse Universe

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



238, 208, 210



255, 217, 219



208, 229, 238



120, 108, 109



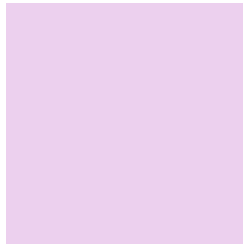
184, 0, 12



56, 0, 4

Previews

White Background



This preview shows how the RYB color 236, 208, 238 looks on a white background.

Color Contrast Check

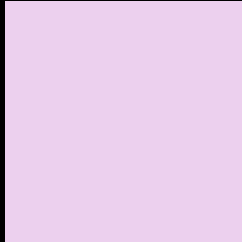
Large Text (above 18pt) WCAG AA × Fail

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 236, 208, 238 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 236, 208, 238 Background



This preview shows how black text looks on a background with the RYB color 236, 208, 238.



This preview shows how white text looks on a background with the RYB color 236, 208, 238.

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
236, 208, 238

Protanopia
213, 215, 243

Deuteranopia
228, 211, 237



Tritanopia
234, 210, 226

Trichromacy



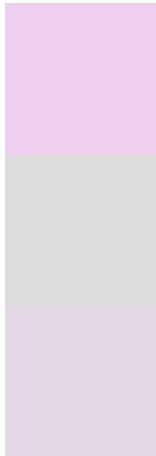
Original Color
236, 208, 238

Protanomaly
221, 212, 241

Deuteranomaly
231, 210, 237

Tritanomaly
235, 209, 230

Monochromacy



Original Color
236, 208, 238

Achromatopsia
220, 220, 220

Achromatomaly
226, 216, 227

CSS Examples

Text

The CSS property to change the color of the text to RYB 236, 208, 238 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(236, 208, 238) looks like.

```
.text, #text, p{  
    color:rgb(236, 208, 238)  
}
```

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(236, 208, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 208, 238) }
```

Border

The CSS property to change the border of an element to RYB 236, 208, 238 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(236, 208, 238) }
```

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

```
.border{ border-color:rgb(236, 208, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 208, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 208, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 208, 238);  
box-shadow:4px 4px 4px 4px rgb(236, 208,  
238) }
```

Background

The CSS property to change the background color of an element to RYB 236, 208, 238 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 208, 238) }
```

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

```
.background{ background-color: rgb(236,  
208, 238) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor