

Converting Colors

`RYB(237, 208, 232)`

Have a look what the booklet for
RYB(237, 208, 232) contains.

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Color

`RYB(237, 208, 232)`

Conversions

Conversions Part 1

Format	Color
Hex	EDD0E8
RGB	237, 208, 232
RGB Percent	93%, 82%, 91%
CMY	0.0706, 0.1843, 0.0902
CMYK	0.00, 0.12, 0.02, 0.07
HSL	310°, 45%, 87%
HSV	310°, 12%, 93%
XYZ	72.0464, 68.9425, 85.8539
YIQ	219.4070, 9.5800, 13.6120

Conversions

Conversions Part 2

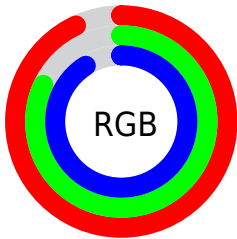
Format	Color
R_{YB}	237, 208, 232
Decimal	15585512
CIE _{Lab}	86.48, 14.19, -8.09
CIE _{LCh}	86, 16.330, 330.313
Yxy	68.9425, 0.3176, 0.3039
Android (android.graphics.Color)	4293775592 (0xFFEDD0E8)
YUV	219.4070, 6.2083, 15.4291
Hunter-Lab	83.0316, 9.5789, -3.1832

Details

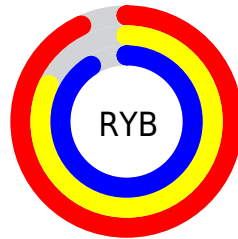
The RYB color **237, 208, 232** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **208, 233, 237**, and the grayscale version is **219, 219, 219**.

A 20% lighter version of the original color is **255, 255, 255**, and **181, 154, 176** is the 20% darker color. If you saturate the color by 10%, you get **237, 184, 228**, and if you desaturate by 10%, it is **237, 232, 236**.

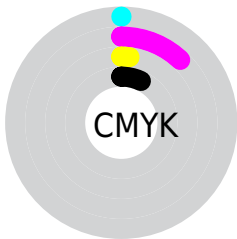
Distribution



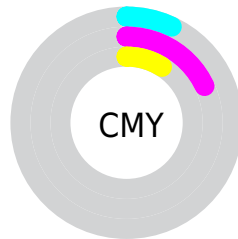
- Red (93%)
- Green (82%)
- Blue (91%)



- Red (93%)
- Yellow (82%)
- Blue (91%)



- Cyan (0%)
- Magenta (12%)
- Yellow (2%)
- Black (7%)



- Cyan (7%)
- Magenta (18%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the RYB color 237, 208, 232 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 237, 208, 232 by changing the saturation by 10% instead.

■ 237, 208, 232

255, 255, 255

■ 237, 208, 232

■ 209, 180, 204

■ 181, 154, 176

■ 154, 128, 150

■ 128, 102, 124

■ 103, 78, 99

■ 79, 55, 75


■ 55, 34, 52

■ 34, 13, 31

■ 0, 0, 5

 237, 208, 232


 237, 208, 232

 237, 184, 228

 237, 232, 236

 237, 161, 224

 237, 252, 255

 237, 137, 220

 237, 250, 255

 237, 113, 216

 237, 248, 255

 237, 89, 212

 237, 247, 255

 237, 66, 207

 237, 246, 255

 237, 42, 203

 237, 18, 199

 237, 0, 196

Harmonies

Analogous

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



220, 212, 243



237, 208, 232



247, 206, 217

Triad

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



237, 208, 232



207, 229, 186



177, 202, 231

Complementary

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



237, 208, 232



208, 233, 237

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.



181, 206, 226



237, 208, 232



190, 220, 198

Square

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



237, 208, 232



242, 223, 190



194, 218, 224



184, 207, 243

Rectangle

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



237, 208, 232



250, 206, 206



194, 218, 224



177, 201, 227

Sweetspot

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



237, 208, 232



255, 245, 253



213, 208, 237



128, 121, 126



0, 0, 0



128, 128, 128

Same Dimension

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



237, 208, 232



255, 217, 248



237, 208, 218



117, 106, 115



181, 0, 150



54, 0, 44

Inverse Universe

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



237, 208, 232



255, 217, 248



208, 226, 237



117, 106, 115



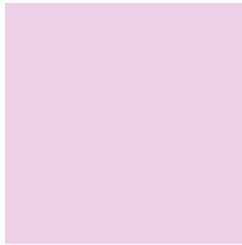
181, 0, 150



54, 0, 44

Previews

White Background



This preview shows how the RYB color 237, 208, 232 looks on a white background.

Color Contrast Check

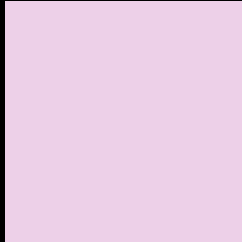
Large Text (above 18pt) WCAG AA × Fail

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 237, 208, 232 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

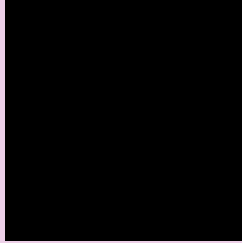
Any Text WCAG AA ✓ Pass

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 237, 208, 232 Background



This preview shows how black text looks on a background with the RYB color 237, 208, 232.



This preview shows how white text looks on a background with the RYB color 237, 208, 232.

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
237, 208, 232

Protanopia
215, 215, 236

Deuteranopia
231, 210, 232



Tritanopia
236, 209, 225

Trichromacy



Original Color

237, 208, 232

Protanomaly

223, 212, 235

Deuteranomaly

233, 209, 232

Tritanomaly

236, 209, 228

Monochromacy



Original Color

237, 208, 232

Achromatopsia

219, 219, 219

Achromatomaly

226, 215, 224

CSS Examples

Text

The CSS property to change the color of the text to RYB 237, 208, 232 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(237, 208, 232) looks like.

```
.text, #text, p{  
    color:rgb(237, 208, 232)  
}
```

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(237, 208, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 208, 232) }
```

Border

The CSS property to change the border of an element to RYB 237, 208, 232 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(237, 208, 232) }
```

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

```
.border{ border-color:rgb(237, 208, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 208, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 208, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 208, 232);  
box-shadow:4px 4px 4px 4px rgb(237, 208,  
232) }
```

Background

The CSS property to change the background color of an element to RYB 237, 208, 232 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 208, 232) }
```

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

```
.background{ background-color: rgb(237,  
208, 232) }
```

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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