

Converting Colors

`RYB(234, 208, 222)`

Have a look what the booklet for
RYB(234, 208, 222) contains.

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Color

$\text{RYB}(234, 208, 222)$

Conversions

Conversions Part 1

Format	Color
Hex	EAD0DE
RGB	234, 208, 222
RGB Percent	92%, 82%, 87%
CMY	0.0824, 0.1843, 0.1294
CMYK	0.00, 0.11, 0.05, 0.08
HSL	328°, 38%, 87%
HSV	328°, 11%, 92%
XYZ	69.6724, 67.8781, 78.5369
YIQ	217.3700, 11.0020, 9.8660

Conversions

Conversions Part 2

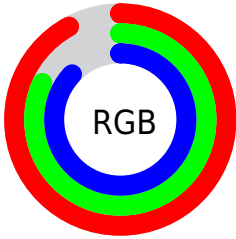
Format	Color
R_{YB}	234, 208, 222
Decimal	15388894
CIE _{Lab}	85.95, 11.41, -3.60
CIE _{LCh}	86, 11.961, 342.505
Y _{xy}	67.8781, 0.3224, 0.3141
Android (android.graphics.Color)	4293578974 (0xFFEAD0DE)
Y _{UV}	217.3700, 2.2826, 14.5845
Hunter-Lab	82.3882, 6.7710, 1.1533

Details

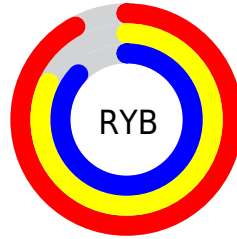
The RYB color **234, 208, 222** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **208, 226, 234**, and the grayscale version is **217, 217, 217**.

A 20% lighter version of the original color is **255, 255, 255**, and **178, 154, 167** is the 20% darker color. If you saturate the color by 10%, you get **234, 185, 211**, and if you desaturate by 10%, it is **234, 231, 233**.

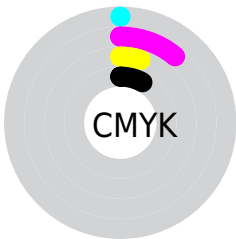
Distribution



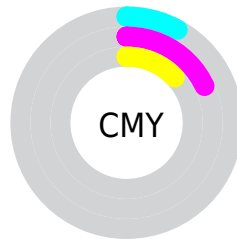
- Red (92%)
- Green (82%)
- Blue (87%)



- Red (92%)
- Yellow (82%)
- Blue (87%)



- Cyan (0%)
- Magenta (11%)
- Yellow (5%)
- Black (8%)



- Cyan (8%)
- Magenta (18%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the RYB color 234, 208, 222 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, 208, 222 by changing the saturation by 10% instead.

■ 234, 208, 222

255, 255, 255

■ 234, 208, 222

■ 206, 180, 194

■ 178, 154, 167

■ 151, 128, 141

■ 125, 103, 115

■ 100, 78, 91

■ 76, 55, 67


■ 53, 34, 45

■ 32, 13, 24


■ 0, 0, 0

 234, 208, 222


 234, 208, 222

 234, 185, 211


 234, 231, 233

 234, 161, 200

 234, 248, 255


 234, 138, 190

 234, 245, 255

 234, 114, 179

 234, 245, 255

 234, 91, 168

 234, 68, 157

 234, 44, 146

 234, 21, 136

 234, 0, 126

Harmonies

Analogous

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



223, 211, 232



234, 208, 222



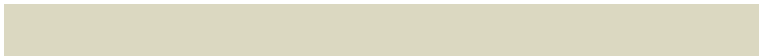
239, 207, 210

Triad

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



234, 208, 222



196, 219, 193



188, 206, 230

Complementary

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



234, 208, 222



208, 226, 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.



188, 206, 222



234, 208, 222



198, 219, 211

Square

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



234, 208, 222



231, 229, 194



194, 212, 221



196, 210, 236

Rectangle

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



234, 208, 222



239, 209, 203



194, 212, 221



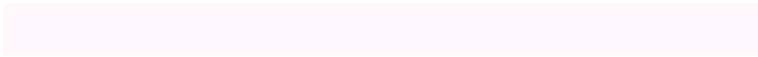
187, 205, 227

Sweetspot

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



234, 208, 222



255, 247, 251



220, 208, 234



128, 122, 125



0, 0, 0



128, 128, 128

Same Dimension

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



234, 208, 222



255, 222, 240



234, 208, 209



117, 106, 112



181, 0, 97



54, 0, 29

Inverse Universe

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



234, 208, 222



255, 222, 240



208, 221, 234



117, 106, 112



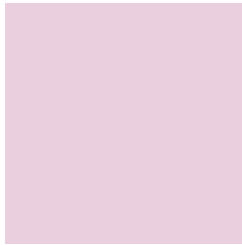
181, 0, 97



54, 0, 29

Previews

White Background



This preview shows how the RYB color 234, 208, 222 looks on a white background.

Color Contrast Check

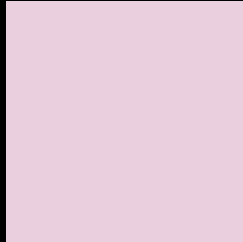
Large Text (above 18pt) WCAG AA × Fail

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, 208, 222 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](#).

R Y B 234, 208, 222 Background



This preview shows how black text looks on a background with the RYB color 234, 208, 222.



This preview shows how white text looks on a background with the RYB color 234, 208, 222.

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, 208, 222

Protanopia
216, 214, 225

Deuteranopia
233, 208, 222



Tritanopia
234, 208, 224

Trichromacy



Original Color
234, 208, 222

Protanomaly
223, 212, 224

Deuteranomaly
233, 208, 222

Tritanomaly
234, 208, 223

Monochromacy



Original Color
234, 208, 222

Achromatopsia
217, 217, 217

Achromatomaly
223, 214, 219

CSS Examples

Text

The CSS property to change the color of the text to RYB 234, 208, 222 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, 208, 222) looks like.

```
.text, #text, p{  
    color:rgb(234, 208, 222)  
}
```

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, 208, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 208, 222) }
```

Border

The CSS property to change the border of an element to RYB 234, 208, 222 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, 208, 222) }
```

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

```
.border{ border-color:rgb(234, 208, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 208, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 208, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 208, 222);  
box-shadow:4px 4px 4px 4px rgb(234, 208,  
222) }
```

Background

The CSS property to change the background color of an element to RGB 234, 208, 222 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 208, 222) }
```

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

```
.background{ background-color: rgb(234,  
208, 222) }
```

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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