

Converting Colors

`RYB(234, 208, 230)`

Have a look what the booklet for
RYB(234, 208, 230) contains.

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Color

R_YB(234, 208, 230)

Conversions

Conversions Part 1

Format	Color
Hex	EAD0E6
RGB	234, 208, 230
RGB Percent	92%, 82%, 90%
CMY	0.0824, 0.1843, 0.0980
CMYK	0.00, 0.11, 0.02, 0.08
HSL	309°, 38%, 87%
HSV	309°, 11%, 92%
XYZ	70.7705, 68.3173, 84.3195
YIQ	218.2820, 8.4340, 12.3540

Conversions

Conversions Part 2

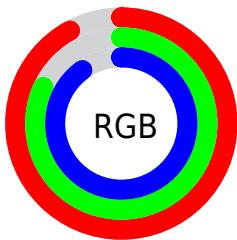
Format	Color
RYB	234, 208, 230
Decimal	15388902
CIELab	86.16, 12.82, -7.52
CIELCh	86, 14.859, 329.616
Yxy	68.3173, 0.3168, 0.3058
Android (android.graphics.Color)	4293578982 (0xFFEAD0E6)
YUV	218.2820, 5.7770, 13.7847
Hunter-Lab	82.6543, 8.1907, -2.6264

Details

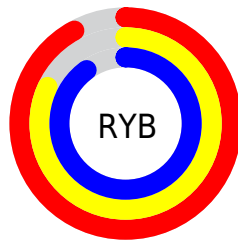
The RYB color **234, 208, 230** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **208, 231, 234**, and the grayscale version is **218, 218, 218**.

A 20% lighter version of the original color is **255, 255, 255**, and **178, 154, 175** is the 20% darker color. If you saturate the color by 10%, you get **234, 185, 226**, and if you desaturate by 10%, it is **234, 231, 234**.

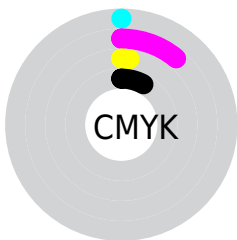
Distribution



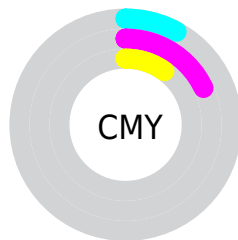
- Red (92%)
- Green (82%)
- Blue (90%)



- Red (92%)
- Yellow (82%)
- Blue (90%)



- Cyan (0%)
- Magenta (11%)
- Yellow (2%)
- Black (8%)



- Cyan (8%)
- Magenta (18%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the RYB color 234, 208, 230 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, 230 by changing the saturation by 10% instead.

■ 234, 208, 230

255, 255, 255

■ 234, 208, 230

■ 206, 180, 202

■ 178, 154, 175

■ 151, 128, 148

■ 125, 102, 122

■ 100, 78, 97

■ 76, 55, 74


■ 53, 34, 51

■ 32, 13, 30


■ 0, 0, 2

 234, 208, 230

 234, 208, 230

 234, 185, 226


 234, 231, 234

 234, 161, 223

 234, 252, 255

 234, 138, 219

 234, 250, 255

 234, 114, 216

 234, 248, 255

 234, 91, 212

 234, 247, 255

 234, 68, 208

 234, 245, 255

 234, 44, 205

 234, 245, 255

 234, 21, 201

 234, 0, 198

Harmonies

Analogous

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



218, 212, 240



234, 208, 230



244, 206, 216

Triad

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



234, 208, 230



208, 227, 188



180, 203, 229

Complementary

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



234, 208, 230



208, 231, 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.



184, 207, 224



234, 208, 230



191, 219, 198

Square

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



234, 208, 230



240, 221, 192



196, 218, 222



186, 207, 239

Rectangle

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



234, 208, 230



246, 206, 207



196, 218, 222



180, 202, 224

Sweetspot

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



234, 208, 230



255, 247, 254



212, 208, 234



128, 122, 127



0, 0, 0



128, 128, 128

Same Dimension

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



234, 208, 230



255, 222, 250



234, 208, 217



117, 106, 115



181, 0, 153



54, 0, 45

Inverse Universe

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



234, 208, 230



255, 222, 250



208, 224, 234



117, 106, 115



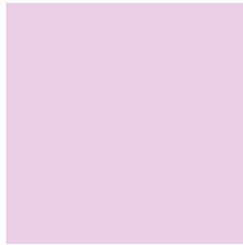
181, 0, 153



54, 0, 45

Previews

White Background



This preview shows how the RYB color 234, 208, 230 looks on a white background.

Color Contrast Check

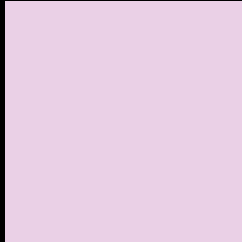
Large Text (above 18pt) WCAG AA × Fail

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, 230 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

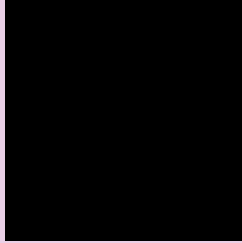
Any Text WCAG AA ✓ Pass

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 234, 208, 230 Background



This preview shows how black text looks on a background with the RYB color 234, 208, 230.



This preview shows how white text looks on a background with the RYB color 234, 208, 230.

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, 230

Protanopia
214, 214, 234

Deuteranopia
230, 209, 230



Tritanopia
233, 209, 225

Trichromacy



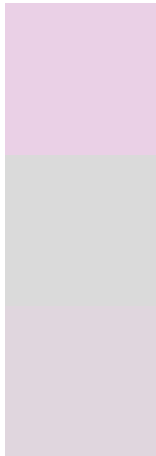
Original Color
234, 208, 230

Protanomaly
221, 212, 233

Deuteranomaly
231, 209, 230

Tritanomaly
233, 209, 227

Monochromacy



Original Color
234, 208, 230

Achromatopsia
218, 218, 218

Achromatomaly
224, 214, 222

CSS Examples

Text

The CSS property to change the color of the text to RYB 234, 208, 230 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, 230)` looks like.

```
.text, #text, p{  
    color:rgb(234, 208, 230)  
}
```

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, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 208, 230) }
```

Border

The CSS property to change the border of an element to RYB 234, 208, 230 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, 230) }
```

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

```
.border{ border-color:rgb(234, 208, 230) }
```

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, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 208, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 208, 230);  
box-shadow:4px 4px 4px 4px rgb(234, 208,  
230) }
```

Background

The CSS property to change the background color of an element to RYB 234, 208, 230 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, 230) }
```

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

```
.background{ background-color: rgb(234,  
208, 230) }
```

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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