

Converting Colors

`RYB(229, 202, 224)`

Have a look what the booklet for RYB(229, 202, 224) contains.

RYB(229, 202, 224)	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(229, 202, 224)

Conversions

Conversions Part 1

Format	Color
Hex	E5CAE0
RGB	229, 202, 224
RGB Percent	90%, 79%, 88%
CMY	0.1020, 0.2078, 0.1216
CMYK	0.00, 0.12, 0.02, 0.10
HSL	311°, 34%, 85%
HSV	311°, 12%, 90%
XYZ	66.8882, 64.2809, 79.4031
YIQ	212.5810, 9.0300, 12.5660

Conversions

Conversions Part 2

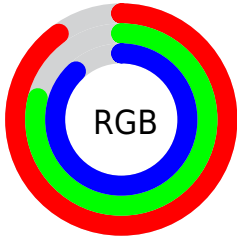
Format	Color
R _Y B	229, 202, 224
Decimal	15059680
CIE Lab	84.11, 13.22, -7.41
CIE LCh	84, 15.161, 330.723
Yxy	64.2809, 0.3176, 0.3053
Android (android.graphics.Color)	4293249760 (0xFFE5CAE0)
YUV	212.5810, 5.6296, 14.3995
Hunter-Lab	80.1754, 8.6109, -2.5961

Details

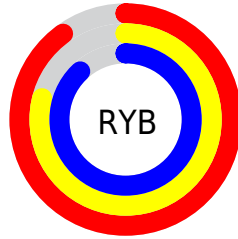
The RYB color **229, 202, 224** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **202, 225, 229**, and the grayscale version is **213, 213, 213**.

A 20% lighter version of the original color is 255, 255, 255, and **173, 148, 169** is the 20% darker color. If you saturate the color by 10%, you get **229, 179, 220**, and if you desaturate by 10%, it is **229, 225, 228**.

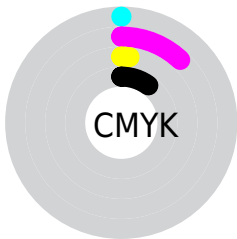
Distribution



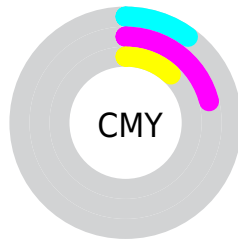
- Red (90%)
- Green (79%)
- Blue (88%)



- Red (90%)
- Yellow (79%)
- Blue (88%)



- Cyan (0%)
- Magenta (12%)
- Yellow (2%)
- Black (10%)



- Cyan (10%)
- Magenta (21%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the RYB color 229, 202, 224 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 229, 202, 224 by changing the saturation by 10% instead.

■ 229, 202, 224

255, 255, 255

■ 229, 202, 224

■ 201, 175, 196

■ 173, 148, 169

■ 147, 122, 142

■ 121, 97, 117

■ 96, 73, 92

■ 72, 51, 69


■ 49, 29, 46

■ 29, 5, 26

■ 0, 0, 0

 229, 202, 224

 229, 202, 224

 229, 179, 220


 229, 225, 228

 229, 156, 216

 229, 245, 248

 229, 133, 211

 229, 249, 255

 229, 110, 207

 229, 247, 255

 229, 87, 203

 229, 245, 255

 229, 65, 199

 229, 244, 255

 229, 42, 194

 229, 242, 255

 229, 19, 190

 229, 242, 255

 229, 0, 187

Harmonies

Analogous

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



213, 206, 234



229, 202, 224



239, 200, 210

Triad

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



229, 202, 224



198, 221, 181



173, 197, 224

Complementary

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



229, 202, 224



202, 225, 229

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.



177, 200, 218



229, 202, 224



185, 213, 193

Square

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



229, 202, 224



234, 216, 185



189, 212, 217



180, 201, 234

Rectangle

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



229, 202, 224



241, 200, 200



189, 212, 217



173, 196, 219

Sweetspot

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



229, 202, 224



255, 245, 253



207, 202, 229



128, 121, 126



0, 0, 0



128, 128, 128

Same Dimension

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



229, 202, 224



255, 219, 248



229, 202, 211



115, 103, 113



179, 0, 145



51, 0, 42

Inverse Universe

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



229, 202, 224



255, 219, 248



202, 218, 229



115, 103, 113



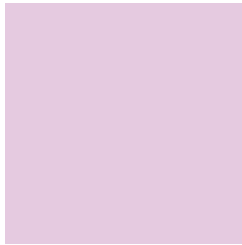
179, 0, 145



51, 0, 42

Previews

White Background



This preview shows how the RYB color 229, 202, 224 looks on a white background.

Color Contrast Check

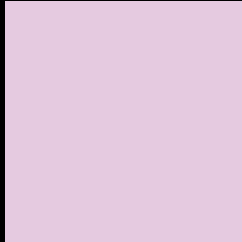
Large Text (above 18pt) WCAG AA × Fail

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 229, 202, 224 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 229, 202, 224 Background



This preview shows how black text looks on a background with the R Y B color 229, 202, 224.



This preview shows how white text looks on a background with the R Y B color 229, 202, 224.

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
229, 202, 224

Protanopia
208, 209, 228

Deuteranopia
224, 204, 224



Tritanopia
228, 203, 219

Trichromacy



Original Color

229, 202, 224

Protanomaly

216, 206, 227

Deuteranomaly

226, 203, 224

Tritanomaly

228, 203, 221

Monochromacy



Original Color

229, 202, 224

Achromatopsia

213, 213, 213

Achromatomaly

219, 209, 217

CSS Examples

Text

The CSS property to change the color of the text to RYB 229, 202, 224 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(229, 202, 224)` looks like.

```
.text, #text, p{  
    color:rgb(229, 202, 224)  
}
```

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(229, 202, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 202, 224) }
```

Border

The CSS property to change the border of an element to RYB 229, 202, 224 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(229, 202, 224) }
```

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

```
.border{ border-color:rgb(229, 202, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 202, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 202, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 202, 224);  
box-shadow:4px 4px 4px 4px rgb(229, 202,  
224) }
```

Background

The CSS property to change the background color of an element to RYB 229, 202, 224 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 202, 224) }
```

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

```
.background{ background-color: rgb(229,  
202, 224) }
```

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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