

Converting Colors

`RYB(232, 192, 220)`

Have a look what the booklet for
RYB(232, 192, 220) contains.

RYB(232, 192, 220)	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

`RYB(232, 192, 220)`

Conversions

Conversions Part 1

Format	Color
Hex	E8C0DC
RGB	232, 192, 220
RGB Percent	91%, 75%, 86%
CMY	0.0902, 0.2471, 0.1373
CMYK	0.00, 0.17, 0.05, 0.09
HSL	318°, 47%, 83%
HSV	318°, 17%, 91%
XYZ	65.0466, 60.0224, 75.8673
YIQ	207.1520, 14.8520, 17.1880

Conversions

Conversions Part 2

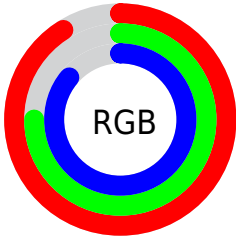
Format	Color
R _Y B	232, 192, 220
Decimal	15253724
CIE Lab	81.85, 18.85, -8.60
CIE LCh	82, 20.722, 335.478
Yxy	60.0224, 0.3237, 0.2987
Android (android.graphics.Color)	4293443804 (0xFFE8C0DC)
YUV	207.1520, 6.3341, 21.7917
Hunter-Lab	77.4741, 14.2874, -3.8284

Details

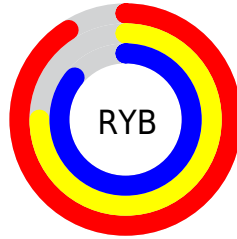
The RYB color **232, 192, 220** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **192, 223, 232**, and the grayscale version is **207, 207, 207**.

A 20% lighter version of the original color is 255, 249, 255, and **176, 138, 165** is the 20% darker color. If you saturate the color by 10%, you get **232, 169, 213**, and if you desaturate by 10%, it is **232, 215, 227**.

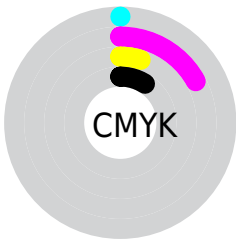
Distribution



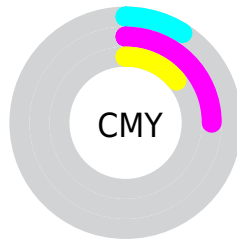
- Red (91%)
- Green (75%)
- Blue (86%)



- Red (91%)
- Yellow (75%)
- Blue (86%)



- Cyan (0%)
- Magenta (17%)
- Yellow (5%)
- Black (9%)




- Cyan (9%)
- Magenta (25%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the RYB color 232, 192, 220 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 232, 192, 220 by changing the saturation by 10% instead.

 232, 192, 220

255, 255, 255

 255, 249, 255

 232, 192, 220

 204, 165, 192

 176, 138, 165


 149, 113, 139

 123, 88, 113

 98, 64, 89

 74, 42, 65

 50, 20, 43

 31, 0, 23

 0, 0, 0

■ 232, 192, 220

■ 232, 192, 220

■ 232, 169, 213

■ 232, 215, 227

■ 232, 146, 206

■ 232, 237, 238

■ 232, 122, 199

■ 232, 249, 255

■ 232, 99, 192

■ 232, 246, 255

■ 232, 76, 185

■ 232, 244, 255

■ 232, 53, 178

■ 232, 30, 171

■ 232, 6, 164

■ 232, 0, 162

Harmonies

Analogous

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



212, 197, 235



232, 192, 220



243, 190, 201

Triad

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



232, 192, 220



181, 215, 165



152, 186, 225

Complementary

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



232, 192, 220



192, 223, 232

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.



156, 188, 215



232, 192, 220



172, 209, 188

Square

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



232, 192, 220



233, 219, 169



172, 202, 213



163, 192, 238

Rectangle

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



232, 192, 220



244, 191, 188



172, 202, 213



151, 184, 219

Sweetspot

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



232, 192, 220



255, 242, 251



204, 192, 232



128, 120, 125



0, 0, 0



128, 128, 128

Same Dimension

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



232, 192, 220



255, 201, 239



232, 192, 200



115, 103, 111



179, 0, 125



51, 0, 36

Inverse Universe

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



232, 192, 220



255, 201, 239



192, 214, 232



115, 103, 111



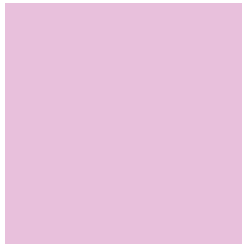
179, 0, 125



51, 0, 36

Previews

White Background



This preview shows how the RYB color 232, 192, 220 looks on a white background.

Color Contrast Check

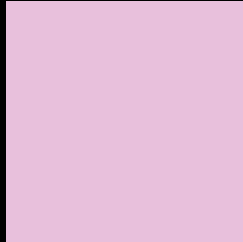
Large Text (above 18pt) WCAG AA × Fail

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 232, 192, 220 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

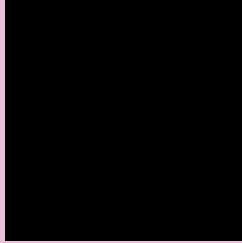
Any Text WCAG AA ✓ Pass

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 232, 192, 220 Background



This preview shows how black text looks on a background with the RYB color 232, 192, 220.



This preview shows how white text looks on a background with the RYB color 232, 192, 220.

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
232, 192, 220

Protanopia
201, 202, 226

Deuteranopia
217, 198, 219



Tritanopia
230, 194, 209

Trichromacy



Original Color
232, 192, 220

Protanomaly
212, 198, 224

Deuteranomaly
222, 196, 219

Tritanomaly
231, 193, 213

Monochromacy



Original Color
232, 192, 220

Achromatopsia
207, 207, 207

Achromatomaly
216, 202, 212

CSS Examples

Text

The CSS property to change the color of the text to RYB 232, 192, 220 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(232, 192, 220) looks like.

```
.text, #text, p{  
    color:rgb(232, 192, 220)  
}
```

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(232, 192, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 192, 220) }
```

Border

The CSS property to change the border of an element to RYB 232, 192, 220 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(232, 192, 220) }
```

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

```
.border{ border-color:rgb(232, 192, 220) }
```

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

Here you see how a box with a 4 pixel rgb(232, 192, 220) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 192, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 192, 220);  
box-shadow:4px 4px 4px 4px rgb(232, 192,  
220) }
```

Background

The CSS property to change the background color of an element to RGB 232, 192, 220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 192, 220) }
```

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

```
.background{ background-color: rgb(232,  
192, 220) }
```

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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