

Converting Colors

`RYB(225, 202, 223)`

Have a look what the booklet for
RYB(225, 202, 223) contains.

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Color

R_YB(225, 202, 223)

Conversions

Conversions Part 1

Format	Color
Hex	E1CADF
RGB	225, 202, 223
RGB Percent	88%, 79%, 87%
CMY	0.1176, 0.2078, 0.1255
CMYK	0.00, 0.10, 0.01, 0.12
HSL	305°, 28%, 84%
HSV	305°, 10%, 88%
XYZ	65.4911, 63.5763, 78.6317
YIQ	211.2710, 6.9670, 11.4070

Conversions

Conversions Part 2

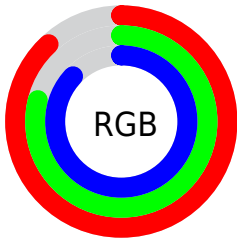
Format	Color
R _Y B	225, 202, 223
Decimal	14797535
CIE Lab	83.74, 11.69, -7.46
CIE LCh	84, 13.868, 327.445
Yxy	63.5763, 0.3153, 0.3061
Android (android.graphics.Color)	4292987615 (0xFFE1CADF)
YUV	211.2710, 5.7824, 12.0403
Hunter-Lab	79.7348, 7.0774, -2.6555

Details

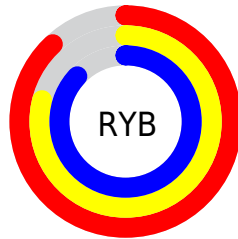
The RYB color **225, 202, 223** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **202, 223, 225**, and the grayscale version is **211, 211, 211**.

A 20% lighter version of the original color is **255, 255, 255**, and **170, 148, 168** is the 20% darker color. If you saturate the color by 10%, you get **225, 179, 221**, and if you desaturate by 10%, it is **225, 225, 225**.

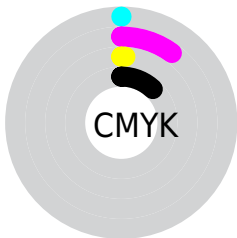
Distribution



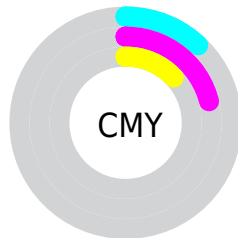
- Red (88%)
- Green (79%)
- Blue (87%)



- Red (88%)
- Yellow (79%)
- Blue (87%)



- Cyan (0%)
- Magenta (10%)
- Yellow (1%)
- Black (12%)



- Cyan (12%)
- Magenta (21%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the RYB color 225, 202, 223 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 225, 202, 223 by changing the saturation by 10% instead.

■ 225, 202, 223

255, 255, 255

■ 225, 202, 223

■ 197, 175, 195

■ 170, 148, 168

■ 143, 122, 141

■ 117, 97, 116

■ 93, 73, 91

■ 69, 51, 68


■ 46, 29, 46

■ 27, 5, 25

■ 0, 0, 0

 225, 202, 223

 225, 202, 223

 225, 179, 221


 225, 225, 225

 225, 157, 219

 225, 245, 247

 225, 134, 217

 225, 251, 255

 225, 112, 215

 225, 250, 255

 225, 89, 213


 225, 249, 255

 225, 67, 211

 225, 248, 255

 225, 44, 209

 225, 246, 255

 225, 22, 207

 225, 245, 255

 225, 0, 205

 225, 245, 255

Harmonies

Analogous

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



210, 206, 232



225, 202, 223



235, 200, 210

Triad

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



225, 202, 223



205, 221, 183



176, 197, 220

Complementary

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



225, 202, 223



202, 223, 225

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.



180, 201, 217



225, 202, 223



185, 212, 191

Square

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



225, 202, 223



232, 212, 187



191, 212, 215



181, 201, 230

Rectangle

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



225, 202, 223



237, 200, 201



191, 212, 215



176, 197, 217

Sweetspot

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



225, 202, 223



255, 247, 254



204, 202, 225



128, 122, 127



0, 0, 0



128, 128, 128

Same Dimension

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



225, 202, 223



255, 224, 252



225, 202, 212



112, 101, 111



176, 0, 161



48, 0, 44

Inverse Universe

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



225, 202, 223



255, 224, 252



202, 217, 225



112, 101, 111



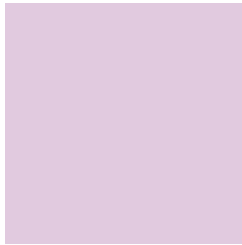
176, 0, 161



48, 0, 44

Previews

White Background



This preview shows how the RYB color 225, 202, 223 looks on a white background.

Color Contrast Check

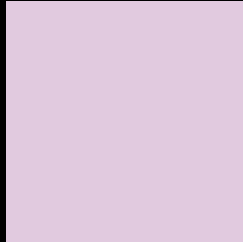
Large Text (above 18pt) WCAG AA × Fail

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 225, 202, 223 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

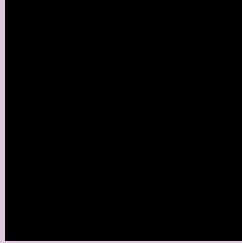
Any Text WCAG AA ✓ Pass

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 225, 202, 223 Background



This preview shows how black text looks on a background with the RYB color 225, 202, 223.



This preview shows how white text looks on a background with the RYB color 225, 202, 223.

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
225, 202, 223

Protanopia
207, 208, 226

Deuteranopia
223, 203, 223



Tritanopia
224, 203, 219

Trichromacy



Original Color
225, 202, 223

Protanomaly
214, 206, 225

Deuteranomaly
224, 203, 223

Tritanomaly
224, 203, 220

Monochromacy



Original Color
225, 202, 223

Achromatopsia
211, 211, 211

Achromatomaly
216, 208, 215

CSS Examples

Text

The CSS property to change the color of the text to RYB 225, 202, 223 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(225, 202, 223)` looks like.

```
.text, #text, p{  
    color:rgb(225, 202, 223)  
}
```

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(225, 202, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 202, 223) }
```

Border

The CSS property to change the border of an element to RYB 225, 202, 223 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(225, 202, 223) }
```

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

```
.border{ border-color:rgb(225, 202, 223) }
```

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

Here you see how a box with a 4 pixel rgb(225, 202, 223) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 202, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 202, 223);  
box-shadow:4px 4px 4px 4px rgb(225, 202,  
223) }
```

Background

The CSS property to change the background color of an element to RYB 225, 202, 223 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 202, 223) }
```

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

```
.background{ background-color: rgb(225,  
202, 223) }
```

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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