

Converting Colors

`RYB(225, 201, 216)`

Have a look what the booklet for
RYB(225, 201, 216) contains.

RYB(225, 201, 216)	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(225, 201, 216)

Conversions

Conversions Part 1

Format	Color
Hex	E1C9D8
RGB	225, 201, 216
RGB Percent	88%, 79%, 85%
CMY	0.1176, 0.2118, 0.1529
CMYK	0.00, 0.11, 0.04, 0.12
HSL	322°, 29%, 84%
HSV	322°, 11%, 88%
XYZ	64.3327, 62.7387, 73.6848
YIQ	209.8860, 9.4890, 9.7530

Conversions

Conversions Part 2

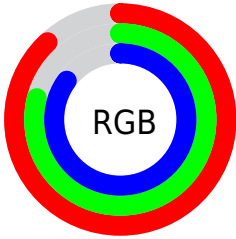
Format	Color
R _Y B	225, 201, 216
Decimal	14797272
CIE Lab	83.30, 10.97, -4.38
CIE LCh	83, 11.807, 338.244
Yxy	62.7387, 0.3205, 0.3125
Android (android.graphics.Color)	4292987352 (0xFFE1C9D8)
YUV	209.8860, 3.0142, 13.2550
Hunter-Lab	79.2078, 6.3643, 0.2896

Details

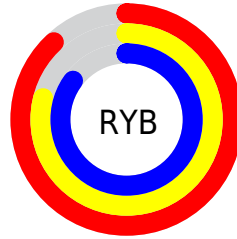
The RYB color **225, 201, 216** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **201, 218, 225**, and the grayscale version is **210, 210, 210**.

A 20% lighter version of the original color is 255, 255, 255, and **170, 147, 161** is the 20% darker color. If you saturate the color by 10%, you get **225, 179, 208**, and if you desaturate by 10%, it is **225, 223, 224**.

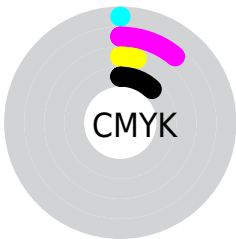
Distribution



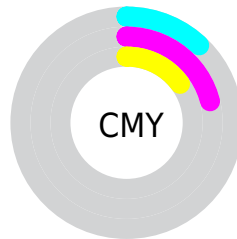
- Red (88%)
- Green (79%)
- Blue (85%)



- Red (88%)
- Yellow (79%)
- Blue (85%)



- Cyan (0%)
- Magenta (11%)
- Yellow (4%)
- Black (12%)



- Cyan (12%)
- Magenta (21%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the RYB color 225, 201, 216 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, 201, 216 by changing the saturation by 10% instead.

■ 225, 201, 216

255, 255, 255

■ 225, 201, 216

■ 197, 174, 188

■ 170, 147, 161

■ 143, 121, 135

■ 117, 96, 110

■ 93, 73, 85

■ 69, 50, 62

■ 46, 29, 40

■ 27, 4, 20

■ 0, 0, 0

■ 225, 201, 216

■ 225, 201, 216

■ 225, 179, 208

■ 225, 223, 224

■ 225, 156, 199

■ 225, 240, 246

■ 225, 133, 191

■ 225, 245, 255

■ 225, 111, 182

■ 225, 241, 255

■ 225, 89, 174

■ 225, 240, 255

■ 225, 66, 165

■ 225, 43, 157

■ 225, 21, 148

■ 225, 0, 141

Harmonies

Analogous

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



214, 204, 225



225, 201, 216



231, 200, 205

Triad

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



225, 201, 216



194, 214, 186



180, 198, 221

Complementary

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



225, 201, 216



201, 218, 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.



181, 199, 214



225, 201, 216



190, 211, 200

Square

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



225, 201, 216



224, 218, 187



189, 206, 213



187, 202, 228

Rectangle

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



225, 201, 216



232, 202, 197



189, 206, 213



180, 198, 218

Sweetspot

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



225, 201, 216



255, 247, 252



210, 201, 225



128, 122, 126



0, 0, 0



128, 128, 128

Same Dimension

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



225, 201, 216



255, 222, 243



225, 201, 204



112, 101, 108



176, 0, 110



48, 0, 30

Inverse Universe

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



225, 201, 216



255, 222, 243



201, 214, 225



112, 101, 108



176, 0, 110



48, 0, 30

Previews

White Background



This preview shows how the RYB color 225, 201, 216 looks on a white background.

Color Contrast Check

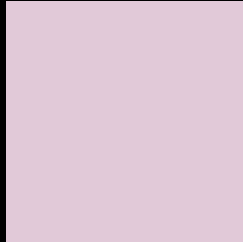
Large Text (above 18pt) WCAG AA × Fail

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, 201, 216 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, 201, 216 Background



This preview shows how black text looks on a background with the RYB color 225, 201, 216.


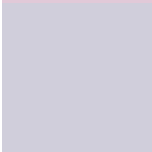



This preview shows how white text looks on a background with the RYB color 225, 201, 216.

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, 201, 216
	Protanopia 208, 206, 219
	Deuteranopia 224, 201, 216



Tritanopia
225, 201, 217

Trichromacy



Original Color
225, 201, 216

Protanomaly
214, 204, 218

Deuteranomaly
224, 201, 216

Tritanomaly
225, 201, 217

Monochromacy



Original Color
225, 201, 216

Achromatopsia
210, 210, 210

Achromatomaly
215, 207, 212

CSS Examples

Text

The CSS property to change the color of the text to RYB 225, 201, 216 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, 201, 216) looks like.

```
.text, #text, p{  
    color:rgb(225, 201, 216)  
}
```

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, 201, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 201, 216) }
```

Border

The CSS property to change the border of an element to RYB 225, 201, 216 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, 201, 216) }
```

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

```
.border{ border-color:rgb(225, 201, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 201, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 201, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 201, 216);  
box-shadow:4px 4px 4px 4px rgb(225, 201,  
216) }
```

Background

The CSS property to change the background color of an element to RYB 225, 201, 216 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 201, 216) }
```

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

```
.background{ background-color: rgb(225,  
201, 216) }
```

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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