

Converting Colors

`RYB(225, 203, 206)`

Have a look what the booklet for
RYB(225, 203, 206) contains.

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Color

R_YB(225, 203, 206)

Conversions

Conversions Part 1

Format	Color
Hex	E1CBCE
RGB	225, 203, 206
RGB Percent	88%, 80%, 81%
CMY	0.1176, 0.2039, 0.1922
CMYK	0.00, 0.10, 0.08, 0.12
HSL	352°, 27%, 84%
HSV	352°, 10%, 88%
XYZ	63.5479, 63.1757, 67.2373
YIQ	209.9200, 12.1490, 5.5970

Conversions

Conversions Part 2

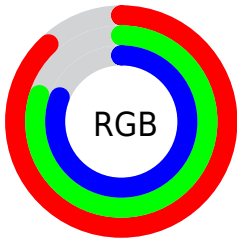
Format	Color
R _Y B	225, 203, 206
Decimal	14797774
CIE Lab	83.53, 8.18, 1.30
CIE LCh	84, 8.284, 9.021
Yxy	63.1757, 0.3276, 0.3257
Android (android.graphics.Color)	4292987854 (0xFFE1CBCE)
YUV	209.9200, -1.9326, 13.2252
Hunter-Lab	79.4831, 3.6178, 5.4829

Details

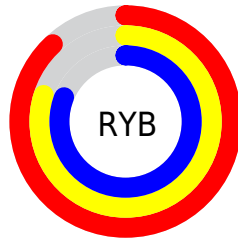
The RYB color **225, 203, 206** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **203, 215, 225**, and the grayscale version is **210, 210, 210**.

A 20% lighter version of the original color is 255, 255, 255, and **170, 149, 152** is the 20% darker color. If you saturate the color by 10%, you get **225, 180, 187**, and if you desaturate by 10%, it is **225, 225, 225**.

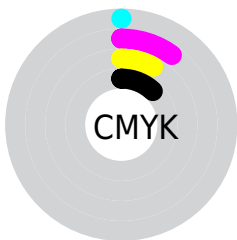
Distribution



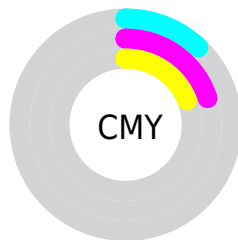
- Red (88%)
- Green (80%)
- Blue (81%)



- Red (88%)
- Yellow (80%)
- Blue (81%)



- Cyan (0%)
- Magenta (10%)
- Yellow (8%)
- Black (12%)



- Cyan (12%)
- Magenta (20%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the RYB color 225, 203, 206 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, 203, 206 by changing the saturation by 10% instead.

■ 225, 203, 206

255, 255, 255

■ 225, 203, 206

■ 197, 176, 179

■ 170, 149, 152

■ 143, 123, 126

■ 117, 98, 101

■ 93, 74, 77

■ 69, 52, 54

■ 46, 30, 33

■ 27, 6, 10

■ 0, 0, 0

 225, 203, 206

 225, 203, 206

 225, 180, 187

 225, 225, 225

 225, 158, 167

 225, 237, 248

 225, 136, 148

 225, 240, 255

 225, 113, 128

 225, 91, 109

 225, 68, 89

 225, 45, 70

 225, 23, 51

 225, 0, 31

Harmonies

Analogous

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



221, 204, 214



225, 203, 206



225, 205, 199

Triad

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



225, 203, 206



196, 211, 204



195, 205, 222

Complementary

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



225, 203, 206



203, 215, 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.



190, 202, 218



225, 203, 206



195, 207, 212

Square

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



225, 203, 206



198, 212, 193



190, 202, 213



203, 207, 223

Rectangle

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



225, 203, 206



222, 211, 195



190, 202, 213



192, 203, 221

Sweetspot

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



225, 203, 206



255, 247, 248



222, 203, 225



128, 122, 123



0, 0, 0



128, 128, 128

Same Dimension

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



225, 203, 206



255, 224, 229



225, 216, 203



112, 101, 103



176, 0, 24



48, 0, 7

Inverse Universe

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



225, 203, 206



255, 224, 229



203, 212, 225



112, 101, 103



176, 0, 24



48, 0, 7

Previews

White Background



This preview shows how the RYB color 225, 203, 206 looks on a white background.

Color Contrast Check

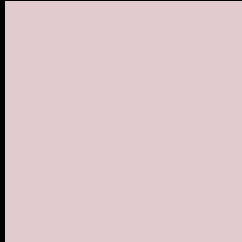
Large Text (above 18pt) WCAG AA × Fail

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, 203, 206 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

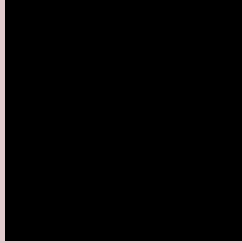
Any Text WCAG AA ✓ Pass

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 225, 203, 206 Background



This preview shows how black text looks on a background with the R/Y/B color 225, 203, 206.



This preview shows how white text looks on a background with the R/Y/B color 225, 203, 206.

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, 203, 206
	Protanopia 212, 207, 208
	Deuteranopia 229, 202, 206



Tritanopia
227, 201, 217

Trichromacy



Original Color

225, 203, 206

Protanomaly

217, 206, 207

Deuteranomaly

228, 202, 206

Tritanomaly

226, 202, 213

Monochromacy



Original Color

225, 203, 206

Achromatopsia

210, 210, 210

Achromatomaly

215, 207, 209

CSS Examples

Text

The CSS property to change the color of the text to RYB 225, 203, 206 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, 203, 206) looks like.

```
.text, #text, p{  
    color:rgb(225, 203, 206)  
}
```

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, 203, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 203, 206) }
```

Border

The CSS property to change the border of an element to RYB 225, 203, 206 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, 203, 206) }
```

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

```
.border{ border-color:rgb(225, 203, 206) }
```

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

Here you see how a box with a 4 pixel rgb(225, 203, 206) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 203, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 203, 206);  
box-shadow:4px 4px 4px 4px rgb(225, 203,  
206) }
```

Background

The CSS property to change the background color of an element to RYB 225, 203, 206 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 203, 206) }
```

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

```
.background{ background-color: rgb(225,  
203, 206) }
```

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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