

Converting Colors

`RYB(225, 193, 203)`

Have a look what the booklet for RYB(225, 193, 203) contains.

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Color

R_YB(225, 193, 203)

Conversions

Conversions Part 1

Format	Color
Hex	E1C1CB
RGB	225, 193, 203
RGB Percent	88%, 76%, 80%
CMY	0.1176, 0.2431, 0.2039
CMYK	0.00, 0.14, 0.10, 0.12
HSL	341°, 35%, 82%
HSV	341°, 14%, 88%
XYZ	60.9008, 58.4593, 64.5739
YIQ	203.7080, 15.8620, 9.8940

Conversions

Conversions Part 2

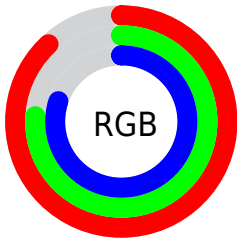
Format	Color
R _Y B	225, 193, 203
Decimal	14795211
CIE Lab	80.99, 12.98, -0.80
CIE LCh	81, 13.003, 356.458
Yxy	58.4593, 0.3311, 0.3178
Android (android.graphics.Color)	4292985291 (0xFFE1C1CB)
YUV	203.7080, -0.3490, 18.6731
Hunter-Lab	76.4587, 8.3760, 3.4472

Details

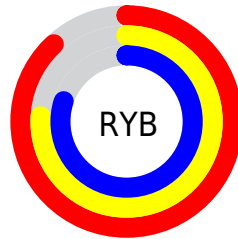
The RYB color **225, 193, 203** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **193, 212, 225**, and the grayscale version is **204, 204, 204**.

A 20% lighter version of the original color is 255, 250, 255, and **169, 139, 149** is the 20% darker color. If you saturate the color by 10%, you get **225, 171, 188**, and if you desaturate by 10%, it is **225, 216, 218**.

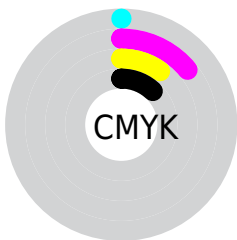
Distribution



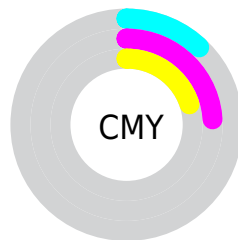
- Red (88%)
- Green (76%)
- Blue (80%)



- Red (88%)
- Yellow (76%)
- Blue (80%)



- Cyan (0%)
- Magenta (14%)
- Yellow (10%)
- Black (12%)



- Cyan (12%)
- Magenta (24%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the RYB color 225, 193, 203 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, 193, 203 by changing the saturation by 10% instead.

 225, 193, 203

 225, 193, 203

255, 255, 255

 197, 166, 176

 255, 250, 255

 169, 139, 149

 143, 114, 123

 117, 89, 98

 92, 66, 75

 68, 43, 52

 45, 23, 31

 27, 0, 6

 0, 0, 0

 225, 193, 203

 225, 193, 203

 225, 171, 188


 225, 216, 218

 225, 148, 172

 225, 233, 238


 225, 125, 157

 225, 242, 255

 225, 103, 141

 225, 240, 255

 225, 81, 126

 225, 58, 110

 225, 35, 95

 225, 13, 79

 225, 0, 70

Harmonies

Analogous

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



216, 195, 215



225, 193, 203



227, 193, 191

Triad

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



225, 193, 203



179, 204, 184



175, 194, 221

Complementary

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



225, 193, 203



193, 212, 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.



170, 190, 211



225, 193, 203



185, 205, 207

Square

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



225, 193, 203



197, 213, 177



175, 194, 208



187, 198, 225

Rectangle

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



225, 193, 203



225, 199, 184



175, 194, 208



172, 192, 218

Sweetspot

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



225, 193, 203



255, 245, 248



215, 193, 225



128, 121, 123



0, 0, 0



128, 128, 128

Same Dimension

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



225, 193, 203



255, 212, 225



225, 200, 193



112, 101, 104



176, 0, 55



48, 0, 15

Inverse Universe

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



225, 193, 203



255, 212, 225



193, 207, 225



112, 101, 104



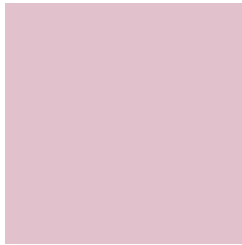
176, 0, 55



48, 0, 15

Previews

White Background



This preview shows how the RYB color 225, 193, 203 looks on a white background.

Color Contrast Check

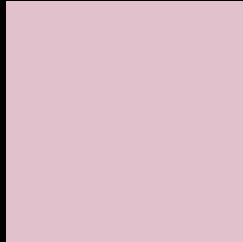
Large Text (above 18pt) WCAG AA × Fail

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, 193, 203 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, 193, 203 Background



This preview shows how black text looks on a background with the RYB color 225, 193, 203.



This preview shows how white text looks on a background with the RYB color 225, 193, 203.

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, 193, 203

Protanopia
203, 200, 207

Deuteranopia
220, 195, 203



Tritanopia
226, 192, 207

Trichromacy



Original Color
225, 193, 203

Protanomaly
211, 197, 206

Deuteranomaly
222, 194, 203

Tritanomaly
226, 192, 206

Monochromacy



Original Color
225, 193, 203

Achromatopsia
204, 204, 204

Achromatomaly
212, 200, 204

CSS Examples

Text

The CSS property to change the color of the text to RYB 225, 193, 203 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, 193, 203)` looks like.

```
.text, #text, p{  
    color:rgb(225, 193, 203)  
}
```

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, 193, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 193, 203) }
```

Border

The CSS property to change the border of an element to RYB 225, 193, 203 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, 193, 203) }
```

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

```
.border{ border-color:rgb(225, 193, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 193, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 193, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 193, 203);  
box-shadow:4px 4px 4px 4px rgb(225, 193,  
203) }
```

Background

The CSS property to change the background color of an element to RYB 225, 193, 203 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 193, 203) }
```

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

```
.background{ background-color: rgb(225,  
193, 203) }
```

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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