

Converting Colors

`RYB(227, 200, 203)`

Have a look what the booklet for
RYB(227, 200, 203) contains.

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Color

R_YB(227, 200, 203)

Conversions

Conversions Part 1

Format	Color
Hex	E3C8CB
RGB	227, 200, 203
RGB Percent	89%, 78%, 80%
CMY	0.1098, 0.2157, 0.2039
CMYK	0.00, 0.12, 0.11, 0.11
HSL	353°, 33%, 84%
HSV	353°, 12%, 89%
XYZ	63.1123, 61.9512, 65.1313
YIQ	208.4150, 15.1290, 6.6570

Conversions

Conversions Part 2

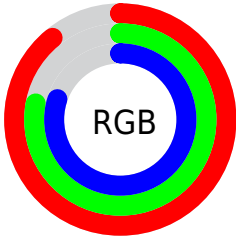
Format	Color
R _Y B	227, 200, 203
Decimal	14928075
CIE Lab	82.89, 9.97, 1.98
CIE LCh	83, 10.165, 11.233
Yxy	61.9512, 0.3318, 0.3257
Android (android.graphics.Color)	4293118155 (0xFFE3C8CB)
YUV	208.4150, -2.6696, 16.2990
Hunter-Lab	78.7091, 5.3880, 6.0343

Details

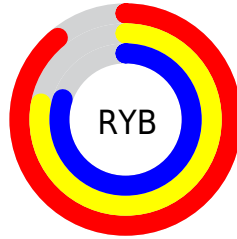
The RYB color **227, 200, 203** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **200, 214, 227**, and the grayscale version is **208, 208, 208**.

A 20% lighter version of the original color is 255, 255, 255, and **171, 146, 149** is the 20% darker color. If you saturate the color by 10%, you get **227, 177, 183**, and if you desaturate by 10%, it is **227, 223, 223**.

Distribution



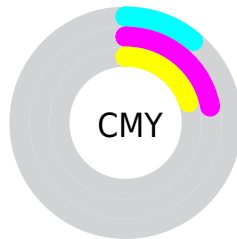
- Red (89%)
- Green (78%)
- Blue (80%)



- Red (89%)
- Yellow (78%)
- Blue (80%)



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



- Cyan (11%)
- Magenta (22%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the RYB color 227, 200, 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 227, 200, 203 by changing the saturation by 10% instead.

■ 227, 200, 203

255, 255, 255

■ 227, 200, 203

■ 199, 173, 176

■ 171, 146, 149

■ 145, 120, 123

■ 119, 96, 98

■ 94, 72, 75

■ 70, 49, 52


■ 47, 28, 31

■ 28, 3, 6


■ 0, 0, 0

 227, 200, 203


 227, 200, 203

 227, 177, 183


 227, 223, 223

 227, 155, 163

 227, 237, 245

 227, 132, 142

 227, 241, 255

 227, 109, 122

 227, 87, 102

 227, 64, 82

 227, 41, 62

 227, 18, 42

 227, 0, 25

Harmonies

Analogous

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



222, 201, 213



227, 200, 203



226, 203, 194

Triad

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



227, 200, 203



192, 210, 203



190, 202, 224

Complementary

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



227, 200, 203



200, 214, 227

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.



184, 199, 219



227, 200, 203



190, 205, 212

Square

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



227, 200, 203



193, 211, 188



184, 199, 212



201, 205, 225

Rectangle

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



227, 200, 203



223, 211, 190



184, 199, 212



187, 201, 223

Sweetspot

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



227, 200, 203



255, 245, 246



224, 200, 227



128, 121, 122



0, 0, 0



128, 128, 128

Same Dimension

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



227, 200, 203



255, 219, 223



227, 216, 200



115, 103, 105



179, 0, 20



51, 0, 6

Inverse Universe

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



227, 200, 203



255, 219, 223



200, 210, 227



115, 103, 105



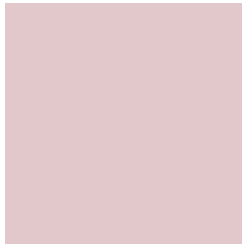
179, 0, 20



51, 0, 6

Previews

White Background



This preview shows how the RYB color 227, 200, 203 looks on a white background.

Color Contrast Check

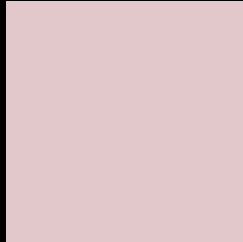
Large Text (above 18pt) WCAG AA × Fail

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 227, 200, 203 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

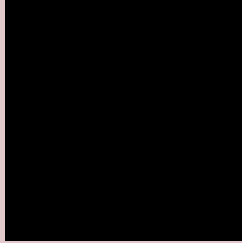
Any Text WCAG AA ✓ Pass

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](#).

R Y B 227, 200, 203 Background



This preview shows how black text looks on a background with the R Y B color 227, 200, 203.




This preview shows how white text looks on a background with the R Y B color 227, 200, 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](#).

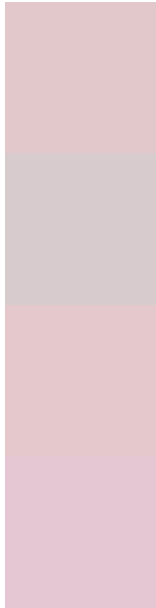
Dichromacy

	Original Color 227, 200, 203
	Protanopia 210, 205, 206
	Deuteranopia 228, 200, 203



Tritanopia
228, 198, 214

Trichromacy



Original Color

227, 200, 203

Protanomaly

216, 203, 205

Deuteranomaly

228, 200, 203

Tritanomaly

228, 199, 210

Monochromacy



Original Color

227, 200, 203

Achromatopsia

208, 208, 208

Achromatomaly

215, 205, 206

CSS Examples

Text

The CSS property to change the color of the text to RYB 227, 200, 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(227, 200, 203)` looks like.

```
.text, #text, p{  
    color:rgb(227, 200, 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(227, 200, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 200, 203) }
```

Border

The CSS property to change the border of an element to RYB 227, 200, 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(227, 200, 203) }
```

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

```
.border{ border-color:rgb(227, 200, 203) }
```

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

Here you see how a box with a 4 pixel rgb(227, 200, 203) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 200, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 200, 203);  
box-shadow:4px 4px 4px 4px rgb(227, 200,  
203) }
```

Background

The CSS property to change the background color of an element to RYB 227, 200, 203 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 200, 203) }
```

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

```
.background{ background-color: rgb(227,  
200, 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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