

Converting Colors

`RYB(231, 195, 200)`

Have a look what the booklet for
RYB(231, 195, 200) contains.

RYB(231, 195, 200)	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(231, 195, 200)

Conversions

Conversions Part 1

Format	Color
Hex	E7C3C8
RGB	231, 195, 200
RGB Percent	91%, 76%, 78%
CMY	0.0941, 0.2353, 0.2157
CMYK	0.00, 0.16, 0.13, 0.09
HSL	352°, 43%, 84%
HSV	352°, 16%, 91%
XYZ	62.8954, 60.1893, 62.9463
YIQ	206.3340, 19.8510, 9.1870

Conversions

Conversions Part 2

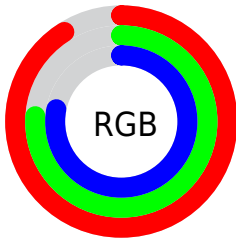
Format	Color
R_{YB}	231, 195, 200
Decimal	15188936
CIE _{Lab}	81.94, 13.55, 2.25
CIE _{LCh}	82, 13.736, 9.445
Yxy	60.1893, 0.3381, 0.3235
Android (android.graphics.Color)	4293379016 (0xFFE7C3C8)
YUV	206.3340, -3.1227, 21.6321
Hunter-Lab	77.5817, 8.9417, 6.2020

Details

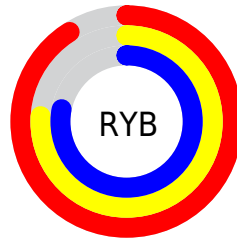
The RYB color **231, 195, 200** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **195, 214, 231**, and the grayscale version is **206, 206, 206**.

A 20% lighter version of the original color is 255, 252, 255, and **175, 141, 146** is the 20% darker color. If you saturate the color by 10%, you get **231, 172, 180**, and if you desaturate by 10%, it is **231, 218, 220**.

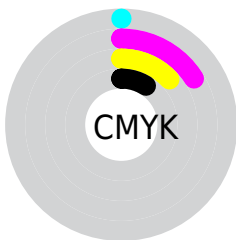
Distribution



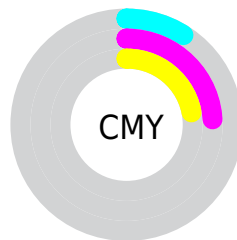
- Red (91%)
- Green (76%)
- Blue (78%)



- Red (91%)
- Yellow (76%)
- Blue (78%)



- Cyan (0%)
- Magenta (16%)
- Yellow (13%)
- Black (9%)





- Cyan (9%)
- Magenta (24%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the RYB color 231, 195, 200 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 231, 195, 200 by changing the saturation by 10% instead.

 231, 195, 200

 231, 195, 200

255, 255, 255

 203, 168, 173


 255, 252, 255


 175, 141, 146


 148, 116, 120

 122, 91, 96


 97, 67, 72


 73, 45, 50


 49, 24, 29


 31, 0, 2


 0, 0, 0

 231, 195, 200


 231, 195, 200

 231, 172, 180


 231, 218, 220


 231, 149, 160

 231, 236, 241

 231, 126, 140


 231, 243, 255

 231, 103, 120

 231, 79, 101

 231, 56, 81

 231, 33, 61

 231, 10, 41

 231, 0, 32

Harmonies

Analogous

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



224, 196, 213



231, 195, 200



230, 198, 188

Triad

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



231, 195, 200



184, 208, 197



180, 198, 227

Complementary

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



231, 195, 200



195, 214, 231

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.



172, 193, 220



231, 195, 200



181, 202, 211

Square

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



231, 195, 200



185, 210, 178



173, 193, 211



195, 201, 229

Rectangle

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



231, 195, 200



226, 210, 182



173, 193, 211



177, 196, 225

Sweetspot

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



231, 195, 200



255, 242, 244



226, 195, 231



128, 120, 121



0, 0, 0



128, 128, 128

Same Dimension

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



231, 195, 200



255, 207, 213



231, 215, 195



115, 103, 105



179, 0, 25



51, 0, 7

Inverse Universe

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



231, 195, 200



255, 207, 213



195, 209, 231



115, 103, 105



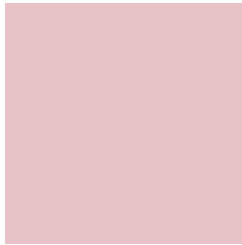
179, 0, 25



51, 0, 7

Previews

White Background



This preview shows how the RYB color 231, 195, 200 looks on a white background.

Color Contrast Check

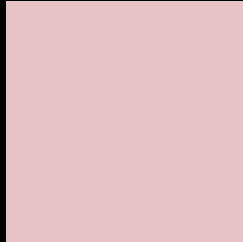
Large Text (above 18pt) WCAG AA × Fail

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 231, 195, 200 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

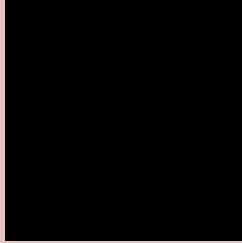
Any Text WCAG AA ✓ Pass

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 231, 195, 200 Background



This preview shows how black text looks on a background with the RYB color 231, 195, 200.



This preview shows how white text looks on a background with the RYB color 231, 195, 200.

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
231, 195, 200

Protanopia
207, 203, 205

Deuteranopia
225, 197, 200



Tritanopia
232, 194, 209

Trichromacy



Original Color

231, 195, 200

Protanomaly

216, 200, 203

Deuteranomaly

227, 196, 200

Tritanomaly

232, 194, 206

Monochromacy



Original Color

231, 195, 200

Achromatopsia

206, 206, 206

Achromatomaly

215, 202, 204

CSS Examples

Text

The CSS property to change the color of the text to RYB 231, 195, 200 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(231, 195, 200) looks like.

```
.text, #text, p{  
    color:rgb(231, 195, 200)  
}
```

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(231, 195, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 195, 200) }
```

Border

The CSS property to change the border of an element to RYB 231, 195, 200 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(231, 195, 200) }
```

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

```
.border{ border-color:rgb(231, 195, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 195, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(231, 195, 200); -webkit-box-shadow:4px 4px 4px 4px rgb(231, 195, 200); box-shadow:4px 4px 4px 4px rgb(231, 195, 200) }
```

Background

The CSS property to change the background color of an element to RYB 231, 195, 200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 195, 200) }
```

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

```
.background{ background-color: rgb(231,  
195, 200) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor