

Converting Colors

`RYB(234, 195, 227)`

Have a look what the booklet for
RYB(234, 195, 227) contains.

RYB(234, 195, 227)	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(234, 195, 227)

Conversions

Conversions Part 1

Format	Color
Hex	EAC3E3
RGB	234, 195, 227
RGB Percent	92%, 76%, 89%
CMY	0.0824, 0.2353, 0.1098
CMYK	0.00, 0.17, 0.03, 0.08
HSL	311°, 48%, 84%
HSV	311°, 17%, 92%
XYZ	67.3119, 62.0687, 81.1058
YIQ	210.3090, 12.9720, 18.2200

Conversions

Conversions Part 2

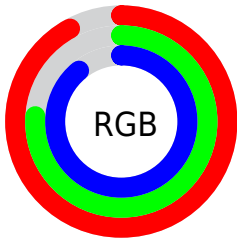
Format	Color
R_{YB}	234, 195, 227
Decimal	15385571
CIE _{Lab}	82.95, 19.17, -10.70
CIE _{LCh}	83, 21.951, 330.842
Yxy	62.0687, 0.3198, 0.2949
Android (android.graphics.Color)	4293575651 (0xFFEAC3E3)
YUV	210.3090, 8.2287, 20.7770
Hunter-Lab	78.7837, 14.6370, -5.8890

Details

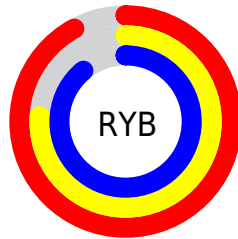
The RYB color **234, 195, 227** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **195, 228, 234**, and the grayscale version is **210, 210, 210**.

A 20% lighter version of the original color is 255, 252, 255, and **178, 141, 172** is the 20% darker color. If you saturate the color by 10%, you get **234, 172, 223**, and if you desaturate by 10%, it is **234, 218, 231**.

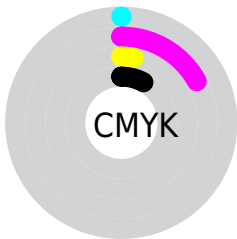
Distribution



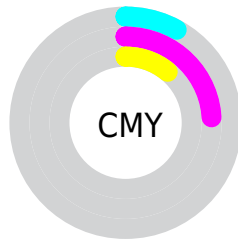
- Red (92%)
- Green (76%)
- Blue (89%)



- Red (92%)
- Yellow (76%)
- Blue (89%)



- Cyan (0%)
- Magenta (17%)
- Yellow (3%)
- Black (8%)




- Cyan (8%)
- Magenta (24%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the RYB color 234, 195, 227 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 234, 195, 227 by changing the saturation by 10% instead.


 234, 195, 227


255, 255, 255

 255, 252, 255

 234, 195, 227

 206, 168, 199


 178, 141, 172

 151, 115, 145

 125, 91, 119


 100, 67, 95

 75, 44, 71

 52, 23, 48

 32, 0, 28


 0, 0, 0

 234, 195, 227

 234, 195, 227

 234, 172, 223


 234, 218, 231

 234, 148, 219

 234, 241, 242

 234, 125, 214

 234, 250, 255

 234, 101, 210

 234, 248, 255

 234, 78, 206

 234, 247, 255

 234, 55, 202

 234, 245, 255

 234, 31, 198

 234, 245, 255

 234, 8, 193

 234, 0, 192

Harmonies

Analogous

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



211, 201, 242



234, 195, 227



247, 192, 207

Triad

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



234, 195, 227



189, 222, 165



150, 186, 227

Complementary

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



234, 195, 227



195, 228, 234

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.



157, 191, 218



234, 195, 227



171, 212, 184

Square

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



234, 195, 227



240, 218, 171



176, 208, 216



160, 193, 242

Rectangle

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



234, 195, 227



250, 193, 193



176, 208, 216



151, 185, 220

Sweetspot

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



234, 195, 227



255, 242, 253



201, 195, 234



128, 120, 126



0, 0, 0



128, 128, 128

Same Dimension

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



234, 195, 227



255, 204, 246



234, 195, 208



117, 106, 115



181, 0, 149



54, 0, 44

Inverse Universe

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



234, 195, 227



255, 204, 246



195, 218, 234



117, 106, 115



181, 0, 149



54, 0, 44

Previews

White Background



This preview shows how the RYB color 234, 195, 227 looks on a white background.

Color Contrast Check

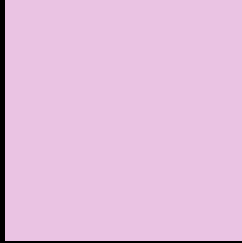
Large Text (above 18pt) WCAG AA × Fail

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 234, 195, 227 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 234, 195, 227 Background



This preview shows how black text looks on a background with the RYB color 234, 195, 227.



This preview shows how white text looks on a background with the RYB color 234, 195, 227.

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
234, 195, 227

Protanopia
202, 205, 233

Deuteranopia
218, 201, 226



Tritanopia
232, 197, 213

Trichromacy



Original Color
234, 195, 227

Protanomaly
214, 201, 231

Deuteranomaly
224, 199, 226

Tritanomaly
233, 196, 218

Monochromacy



Original Color
234, 195, 227

Achromatopsia
210, 210, 210

Achromatomaly
219, 205, 216

CSS Examples

Text

The CSS property to change the color of the text to RYB 234, 195, 227 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(234, 195, 227) looks like.

```
.text, #text, p{  
    color:rgb(234, 195, 227)  
}
```

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(234, 195, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 195, 227) }
```

Border

The CSS property to change the border of an element to RYB 234, 195, 227 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(234, 195, 227) }
```

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

```
.border{ border-color:rgb(234, 195, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 195, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 195, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 195, 227);  
box-shadow:4px 4px 4px 4px rgb(234, 195,  
227) }
```

Background

The CSS property to change the background color of an element to RGB 234, 195, 227 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 195, 227) }
```

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

```
.background{ background-color: rgb(234,  
195, 227) }
```

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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