

Converting Colors

`RYB(235, 204, 227)`

Have a look what the booklet for RYB(235, 204, 227) contains.

RYB(235, 204, 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(235, 204, 227)

Conversions

Conversions Part 1

Format	Color
Hex	EBCCE3
RGB	235, 204, 227
RGB Percent	92%, 80%, 89%
CMY	0.0784, 0.2000, 0.1098
CMYK	0.00, 0.13, 0.03, 0.08
HSL	315°, 44%, 86%
HSV	315°, 13%, 92%
XYZ	69.7189, 66.3940, 81.8138
YIQ	215.8910, 11.0930, 13.7250

Conversions

Conversions Part 2

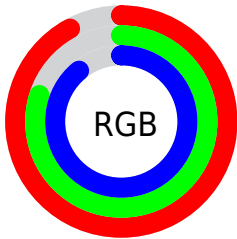
Format	Color
R _Y B	235, 204, 227
Decimal	15453411
CIE Lab	85.20, 14.73, -7.35
CIE LCh	85, 16.465, 333.498
Yxy	66.3940, 0.3199, 0.3047
Android (android.graphics.Color)	4293643491 (0xFFEBCCE3)
YUV	215.8910, 5.4767, 16.7586
Hunter-Lab	81.4825, 10.1358, -2.4933

Details

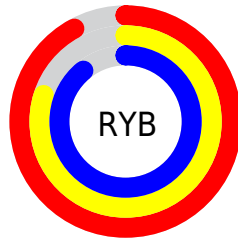
The RYB color `235, 204, 227` is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be `204, 229, 235`, and the grayscale version is `216, 216, 216`.

A 20% lighter version of the original color is `255, 255, 255`, and `179, 150, 172` is the 20% darker color. If you saturate the color by 10%, you get `235, 181, 221`, and if you desaturate by 10%, it is `235, 228, 233`.

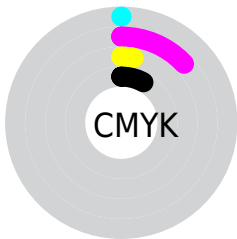
Distribution



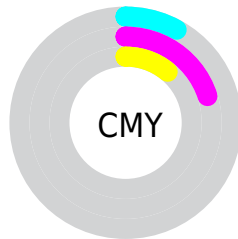
- Red (92%)
- Green (80%)
- Blue (89%)



- Red (92%)
- Yellow (80%)
- Blue (89%)



- Cyan (0%)
- Magenta (13%)
- Yellow (3%)
- Black (8%)



- Cyan (8%)
- Magenta (20%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the RYB color 235, 204, 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 235, 204, 227 by changing the saturation by 10% instead.

■ 235, 204, 227

255, 255, 255

■ 235, 204, 227

■ 207, 177, 199

■ 179, 150, 172

■ 152, 124, 145

■ 126, 99, 119

■ 101, 75, 95

■ 77, 52, 71


■ 54, 30, 49

■ 33, 8, 28

■ 0, 0, 0

 235, 204, 227


 235, 204, 227

 235, 181, 221


 235, 228, 233

 235, 157, 215

 235, 248, 251

 235, 134, 209


 235, 248, 255

 235, 110, 203


 235, 246, 255

 235, 87, 197

 235, 245, 255

 235, 63, 191

 235, 40, 185

 235, 16, 178

 235, 0, 174

Harmonies

Analogous

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



218, 208, 239



235, 204, 227



245, 202, 211

Triad

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



235, 204, 227



199, 224, 182



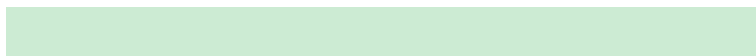
173, 199, 229

Complementary

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



235, 204, 227



204, 229, 235

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.



176, 201, 222



235, 204, 227



187, 217, 198

Square

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



235, 204, 227



238, 223, 185



189, 214, 221



181, 204, 240

Rectangle

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



235, 204, 227



246, 203, 201



189, 214, 221



173, 198, 225

Sweetspot

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



235, 204, 227



255, 245, 252



212, 204, 235



128, 121, 126



0, 0, 0



128, 128, 128

Same Dimension

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



235, 204, 227



255, 214, 244



235, 204, 212



117, 106, 114



181, 0, 134



54, 0, 40

Inverse Universe

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



235, 204, 227



255, 214, 244



204, 222, 235



117, 106, 114



181, 0, 134



54, 0, 40

Previews

White Background



This preview shows how the RYB color 235, 204, 227 looks on a white background.

Color Contrast Check

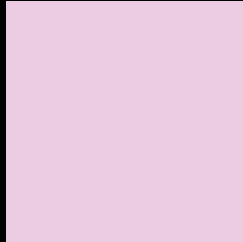
Large Text (above 18pt) WCAG AA × Fail

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 235, 204, 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 235, 204, 227 Background



This preview shows how black text looks on a background with the RYB color 235, 204, 227.



This preview shows how white text looks on a background with the RYB color 235, 204, 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
235, 204, 227

Protanopia
211, 212, 232

Deuteranopia
227, 207, 226



Tritanopia
234, 205, 221

Trichromacy



Original Color
235, 204, 227

Protanomaly
220, 209, 230

Deuteranomaly
230, 206, 226

Tritanomaly
234, 205, 223

Monochromacy



Original Color
235, 204, 227

Achromatopsia
216, 216, 216

Achromatomaly
223, 212, 220

CSS Examples

Text

The CSS property to change the color of the text to RYB 235, 204, 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(235, 204, 227) looks like.

```
.text, #text, p{  
    color:rgb(235, 204, 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(235, 204, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 204, 227) }
```

Border

The CSS property to change the border of an element to RYB 235, 204, 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(235, 204, 227) }
```

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

```
.border{ border-color:rgb(235, 204, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 204, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 204, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 204, 227);  
box-shadow:4px 4px 4px 4px rgb(235, 204,  
227) }
```

Background

The CSS property to change the background color of an element to RGB 235, 204, 227 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 204, 227) }
```

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

```
.background{ background-color: rgb(235,  
204, 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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