

Converting Colors

`RYB(255, 216, 235)`

Have a look what the booklet for
RYB(255, 216, 235) contains.

RYB(255, 216, 235)	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

`RYB(255, 216, 235)`

Conversions

Conversions Part 1

Format	Color
Hex	FFD8EB
RGB	255, 216, 235
RGB Percent	100%, 85%, 92%
CMY	0.0000, 0.1529, 0.0784
CMYK	0.00, 0.15, 0.08, 0.00
HSL	331°, 100%, 92%
HSV	331°, 15%, 100%
XYZ	80.7913, 76.3699, 89.0800
YIQ	229.8270, 17.1450, 14.1770

Conversions

Conversions Part 2

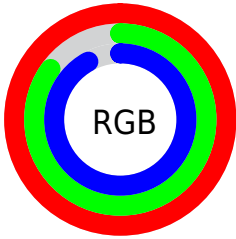
Format	Color
R_{YB}	255, 216, 235
Decimal	16767211
CIE _{Lab}	90.03, 16.61, -4.24
CIE _{LCh}	90, 17.141, 345.666
Yxy	76.3699, 0.3281, 0.3101
Android (android.graphics.Color)	4294957291 (0xFFFFD8EB)
YUV	229.8270, 2.5503, 22.0767
Hunter-Lab	87.3899, 12.0896, 0.7363

Details

The RYB color **255, 216, 235** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **216, 242, 255**, and the grayscale version is **230, 230, 230**.

A 20% lighter version of the original color is **255, 255, 255**, and **198, 161, 179** is the 20% darker color. If you saturate the color by 10%, you get **255, 191, 222**, and if you desaturate by 10%, it is **255, 242, 248**.

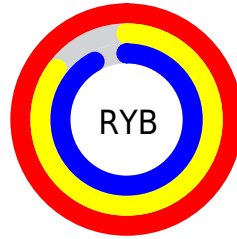
Distribution



Red (100%)

Green (85%)

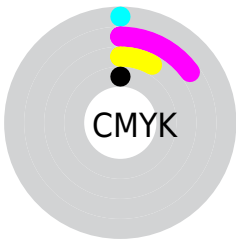
Blue (92%)



Red (100%)

Yellow (85%)

Blue (92%)

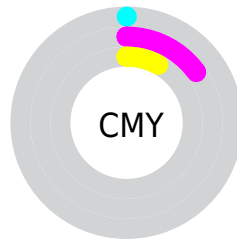


Cyan (0%)

Magenta (15%)

Yellow (8%)

Black (0%)



Cyan (0%)

Magenta (15%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the RYB color 255, 216, 235 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 255, 216, 235 by changing the saturation by 10% instead.

 255, 216, 235

255, 255, 255

 255, 216, 235

 226, 188, 207

 198, 161, 179

 171, 135, 153

 144, 109, 127

 118, 85, 102

 93, 61, 78


 69, 39, 55

 46, 18, 34

 28, 0, 11

 255, 216, 235

 255, 216, 235

 255, 191, 222

 255, 242, 248

 255, 165, 209


255, 255, 255


 255, 140, 196

 255, 114, 183

 255, 89, 170

 255, 63, 157

 255, 37, 143

 255, 12, 130

 255, 0, 124

Harmonies

Analogous

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



240, 220, 249



255, 216, 235



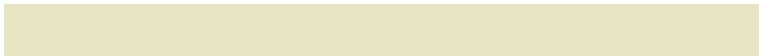
255, 215, 218

Triad

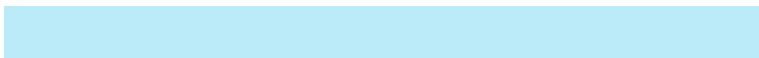
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



255, 216, 235



198, 231, 195



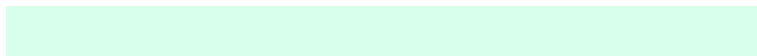
187, 214, 249

Complementary

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



255, 216, 235



216, 242, 255

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.



185, 211, 236



255, 216, 235



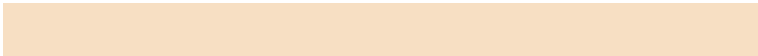
203, 233, 224

Square

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



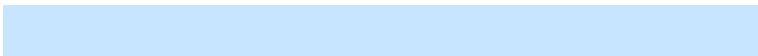
255, 216, 235



240, 247, 195



195, 221, 236



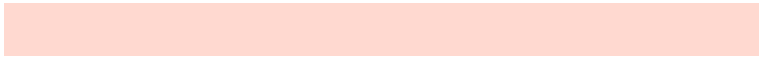
200, 219, 255

Rectangle

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



255, 216, 235



255, 219, 208



195, 221, 236



185, 212, 245

Sweetspot

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



255, 216, 235



255, 242, 248



236, 216, 255



128, 120, 124



0, 0, 0



128, 128, 128

Same Dimension

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



255, 216, 235



255, 209, 231



255, 216, 216



128, 115, 121



191, 0, 93



64, 0, 31

Inverse Universe

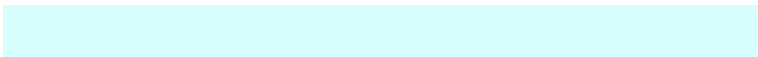
The Inverse Universe completely reimagines the original color for something new.



255, 216, 235



255, 209, 231



216, 236, 255



128, 115, 121



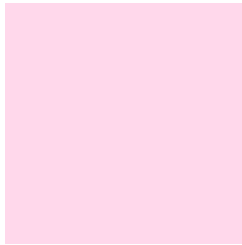
191, 0, 93



64, 0, 31

Previews

White Background



This preview shows how the RYB color 255, 216, 235 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 255, 216, 235 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 255, 216, 235 Background



This preview shows how black text looks on a background with the RYB color 255, 216, 235.



This preview shows how white text looks on a background with the RYB color 255, 216, 235.

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
255, 216, 235

Protanopia
227, 225, 241

Deuteranopia
245, 220, 234



Tritanopia
255, 216, 233

Trichromacy



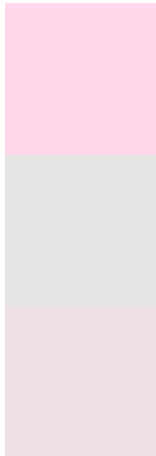
Original Color
255, 216, 235

Protanomaly
237, 222, 239

Deuteranomaly
249, 219, 234

Tritanomaly
255, 216, 234

Monochromacy



Original Color
255, 216, 235

Achromatopsia
230, 230, 230

Achromatomaly
239, 225, 232

CSS Examples

Text

The CSS property to change the color of the text to RYB 255, 216, 235 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(255, 216, 235) looks like.

```
.text, #text, p{  
    color:rgb(255, 216, 235)  
}
```

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(255, 216, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 216, 235) }
```

Border

The CSS property to change the border of an element to RYB 255, 216, 235 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(255, 216, 235) }
```

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

```
.border{ border-color:rgb(255, 216, 235) }
```

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

Here you see how a box with a 4 pixel rgb(255, 216, 235) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 216, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 216, 235);  
box-shadow:4px 4px 4px 4px rgb(255, 216,  
235) }
```

Background

The CSS property to change the background color of an element to RYB 255, 216, 235 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 216, 235) }
```

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

```
.background{ background-color: rgb(255,  
216, 235) }
```

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