

Converting Colors

`RYB(255, 223, 245)`

Have a look what the booklet for
RYB(255, 223, 245) contains.

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Color

R_YB(255, 223, 245)

Conversions

Conversions Part 1

Format	Color
Hex	FFDFF5
RGB	255, 223, 245
RGB Percent	100%, 87%, 96%
CMY	0.0000, 0.1255, 0.0392
CMYK	0.00, 0.13, 0.04, 0.00
HSL	319°, 100%, 94%
HSV	319°, 13%, 100%
XYZ	84.1091, 80.6279, 97.5159
YIQ	235.0760, 12.0100, 13.6260

Conversions

Conversions Part 2

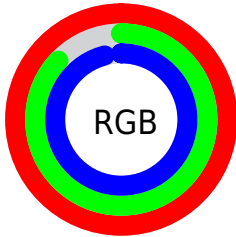
Format	Color
R _Y B	255, 223, 245
Decimal	16769013
CIE Lab	91.97, 14.66, -6.63
CIE LCh	92, 16.095, 335.654
Yxy	80.6279, 0.3207, 0.3074
Android (android.graphics.Color)	4294959093 (0xFFFFDFF5)
YUV	235.0760, 4.8925, 17.4733
Hunter-Lab	89.7931, 10.0630, -1.5342

Details

The RYB color **255, 223, 245** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **223, 247, 255**, and the grayscale version is **235, 235, 235**.

A 20% lighter version of the original color is **255, 255, 255**, and **198, 168, 189** is the 20% darker color. If you saturate the color by 10%, you get **255, 198, 237**, and if you desaturate by 10%, it is **255, 249, 253**.

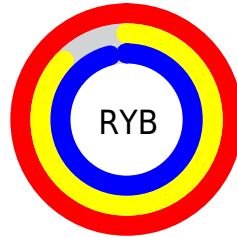
Distribution



Red (100%)

Green (87%)

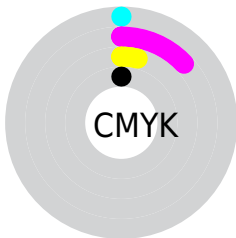
Blue (96%)



Red (100%)

Yellow (87%)

Blue (96%)

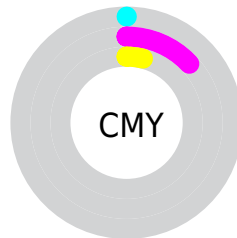


Cyan (0%)

Magenta (13%)

Yellow (4%)

Black (0%)



Cyan (0%)

Magenta (13%)

Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the RYB color 255, 223, 245 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, 223, 245 by changing the saturation by 10% instead.


 255, 223, 245

255, 255, 255

 255, 223, 245

 226, 195, 217

 198, 168, 189

 171, 141, 162

 144, 116, 136

 118, 91, 110

 93, 67, 86

 69, 45, 63

 47, 24, 41

 28, 0, 21

 255, 223, 245

 255, 223, 245

 255, 198, 237

 255, 249, 253


 255, 172, 229

255, 255, 255


 255, 147, 221

 255, 121, 213

 255, 96, 205

 255, 70, 197

 255, 45, 189

 255, 19, 181

 255, 0, 175

Harmonies

Analogous

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



239, 227, 255



255, 223, 245



255, 221, 229

Triad

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



255, 223, 245



214, 242, 201



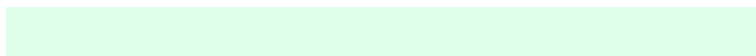
193, 219, 249

Complementary

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



255, 223, 245



223, 247, 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.



195, 220, 241



255, 223, 245



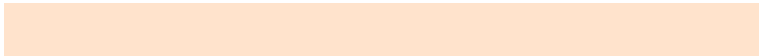
207, 237, 220

Square

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



255, 223, 245



255, 246, 204



207, 231, 240



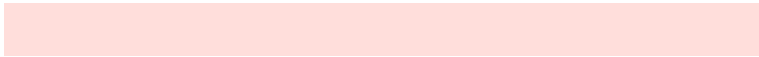
202, 223, 255

Rectangle

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



255, 223, 245



255, 222, 219



207, 231, 240



192, 217, 245

Sweetspot

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



255, 223, 245



255, 245, 252



233, 223, 255



128, 121, 126



0, 0, 0



128, 128, 128

Same Dimension

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



255, 223, 245



255, 217, 243



255, 223, 229



128, 115, 124



191, 0, 131



64, 0, 44

Inverse Universe

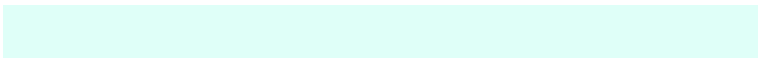
The Inverse Universe completely reimagines the original color for something new.



255, 223, 245



255, 217, 243



223, 241, 255



128, 115, 124



191, 0, 131



64, 0, 44

Previews

White Background



This preview shows how the RYB color 255, 223, 245 looks on a white background.

Color Contrast Check

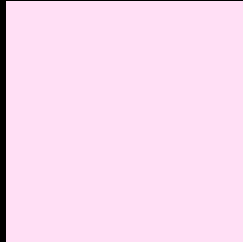
Large Text (above 18pt) WCAG AA × Fail

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, 223, 245 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, 223, 245 Background



This preview shows how black text looks on a background with the RYB color 255, 223, 245.



This preview shows how white text looks on a background with the RYB color 255, 223, 245.

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, 223, 245

Protanopia
231, 231, 250

Deuteranopia
249, 225, 245



Tritanopia
254, 224, 241

Trichromacy



Original Color

255, 223, 245

Protanomaly

240, 228, 248

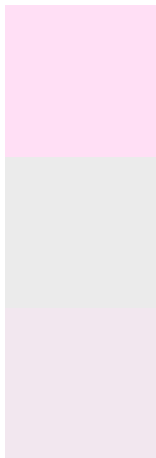
Deuteranomaly

251, 224, 245

Tritanomaly

254, 224, 242

Monochromacy



Original Color

255, 223, 245

Achromatopsia

235, 235, 235

Achromatomaly

242, 231, 239

CSS Examples

Text

The CSS property to change the color of the text to RYB 255, 223, 245 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, 223, 245) looks like.

```
.text, #text, p{  
    color:rgb(255, 223, 245)  
}
```

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, 223, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 223, 245) }
```

Border

The CSS property to change the border of an element to RYB 255, 223, 245 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, 223, 245) }
```

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

```
.border{ border-color:rgb(255, 223, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 223, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 223, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 223, 245);  
box-shadow:4px 4px 4px 4px rgb(255, 223,  
245) }
```

Background

The CSS property to change the background color of an element to RYB 255, 223, 245 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 223, 245) }
```

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

```
.background{ background-color: rgb(255,  
223, 245) }
```

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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