

Converting Colors

`RYB(253, 203, 243)`

Have a look what the booklet for RYB(253, 203, 243) contains.

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Color

R_YB(253, 203, 243)

Conversions

Conversions Part 1

Format	Color
Hex	FDCBF3
RGB	253, 203, 243
RGB Percent	99%, 80%, 95%
CMY	0.0078, 0.2039, 0.0471
CMYK	0.00, 0.20, 0.04, 0.01
HSL	312°, 93%, 89%
HSV	312°, 20%, 99%
XYZ	78.0416, 70.0656, 94.2048
YIQ	222.5100, 16.9600, 23.0400

Conversions

Conversions Part 2

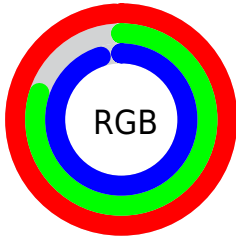
Format	Color
R _{YB}	253, 203, 243
Decimal	16632819
CIE _{Lab}	87.03, 24.11, -12.94
CIE _{LCh}	87, 27.363, 331.779
Yxy	70.0656, 0.3221, 0.2892
Android (android.graphics.Color)	4294822899 (0xFFFD _{CB} F3)
YUV	222.5100, 10.1016, 26.7397
Hunter-Lab	83.7052, 19.9384, -8.1334

Details

The RYB color **253, 203, 243** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **203, 245, 253**, and the grayscale version is **222, 222, 222**.

A 20% lighter version of the original color is **255, 255, 255**, and **196, 149, 187** is the 20% darker color. If you saturate the color by 10%, you get **253, 178, 238**, and if you desaturate by 10%, it is **253, 228, 248**.

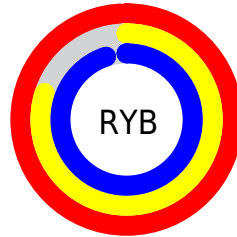
Distribution



Red (99%)

Green (80%)

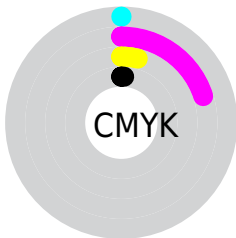
Blue (95%)



Red (99%)

Yellow (80%)

Blue (95%)

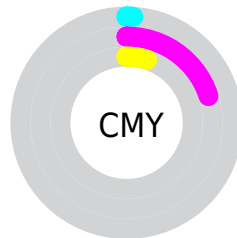


Cyan (0%)

Magenta (20%)

Yellow (4%)

Black (1%)



Cyan (1%)

Magenta (20%)

Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the RYB color 253, 203, 243 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 253, 203, 243 by changing the saturation by 10% instead.

 253, 203, 243

255, 255, 255

 253, 203, 243


 224, 175, 215

 196, 149, 187

 168, 123, 160

 142, 97, 134

 116, 73, 108

 91, 50, 84

 66, 27, 61

 43, 5, 39

 18, 0, 18

■ 253, 203, 243

■ 253, 203, 243

■ 253, 178, 238

■ 253, 228, 248

■ 253, 152, 233

■ 253, 254, 254

■ 253, 127, 228

253, 254, 255

■ 253, 102, 223

■ 253, 76, 218

■ 253, 51, 213

■ 253, 26, 208

■ 253, 1, 203

■ 253, 0, 202

Harmonies

Analogous

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



224, 211, 255



253, 203, 243



255, 199, 217

Triad

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



253, 203, 243



192, 236, 166



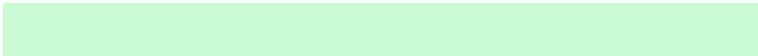
144, 191, 244

Complementary

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



253, 203, 243



203, 245, 253

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.



153, 197, 233



253, 203, 243



173, 225, 190

Square

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



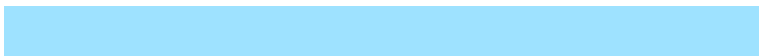
253, 203, 243



255, 234, 173



178, 218, 230



158, 198, 255

Rectangle

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



253, 203, 243



255, 200, 200



178, 218, 230



145, 190, 236

Sweetspot

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



253, 203, 243



255, 240, 252



213, 203, 253



128, 119, 126



0, 0, 0



128, 128, 128

Same Dimension

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



253, 203, 243



255, 194, 243



253, 203, 218



128, 115, 125



191, 0, 153



64, 0, 51

Inverse Universe

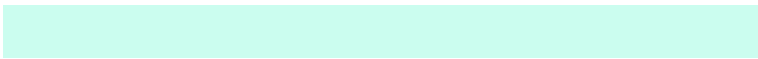
The Inverse Universe completely reimagines the original color for something new.



253, 203, 243



255, 194, 243



203, 232, 253



128, 115, 125



191, 0, 153



64, 0, 51

Previews

White Background



This preview shows how the RYB color 253, 203, 243 looks on a white background.

Color Contrast Check

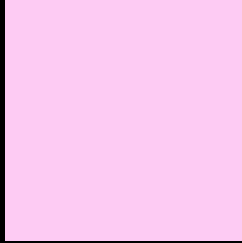
Large Text (above 18pt) WCAG AA × Fail

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 253, 203, 243 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 253, 203, 243 Background



This preview shows how black text looks on a background with the RYB color 253, 203, 243.



This preview shows how white text looks on a background with the RYB color 253, 203, 243.

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
253, 203, 243

Protanopia
212, 216, 252

Deuteranopia
229, 212, 241



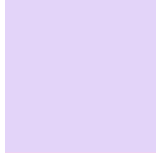
Tritanopia
250, 207, 223

Trichromacy



Original Color

253, 203, 243



Protanomaly

227, 212, 249



Deuteranomaly

238, 209, 242



Tritanomaly

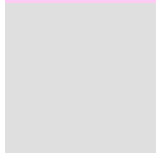
251, 206, 230

Monochromacy



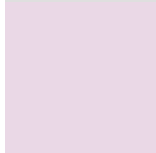
Original Color

253, 203, 243



Achromatopsia

223, 223, 223



Achromatomaly

234, 216, 230

CSS Examples

Text

The CSS property to change the color of the text to RYB 253, 203, 243 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(253, 203, 243) looks like.

```
.text, #text, p{  
    color:rgb(253, 203, 243)  
}
```

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(253, 203, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 203, 243) }
```

Border

The CSS property to change the border of an element to RYB 253, 203, 243 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(253, 203, 243) }
```

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

```
.border{ border-color:rgb(253, 203, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 203, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 203, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 203, 243);  
box-shadow:4px 4px 4px 4px rgb(253, 203,  
243) }
```

Background

The CSS property to change the background color of an element to RYB 253, 203, 243 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 203, 243) }
```

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

```
.background{ background-color: rgb(253,  
203, 243) }
```

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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