

Converting Colors

`RYB(253, 200, 229)`

Have a look what the booklet for
RYB(253, 200, 229) contains.

RYB(253, 200, 229)	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(253, 200, 229)

Conversions

Conversions Part 1

Format	Color
Hex	FDC8E5
RGB	253, 200, 229
RGB Percent	99%, 78%, 90%
CMY	0.0078, 0.2157, 0.1020
CMYK	0.00, 0.21, 0.09, 0.01
HSL	327°, 93%, 89%
HSV	327°, 21%, 99%
XYZ	75.3051, 67.8483, 83.2558
YIQ	219.1530, 22.2790, 20.2550

Conversions

Conversions Part 2

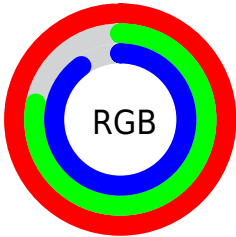
Format	Color
R _Y B	253, 200, 229
Decimal	16632037
CIE Lab	85.93, 23.31, -7.14
CIE LCh	86, 24.378, 342.959
Yxy	67.8483, 0.3326, 0.2997
Android (android.graphics.Color)	4294822117 (0xFFFDC8E5)
YUV	219.1530, 4.8546, 29.6838
Hunter-Lab	82.3701, 19.0422, -2.2684

Details

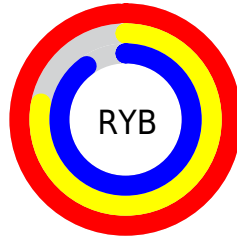
The RYB color **253, 200, 229** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **200, 236, 253**, and the grayscale version is **219, 219, 219**.

A 20% lighter version of the original color is 255, 255, 255, and **196, 146, 174** is the 20% darker color. If you saturate the color by 10%, you get **253, 175, 218**, and if you desaturate by 10%, it is **253, 225, 240**.

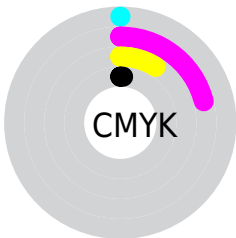
Distribution



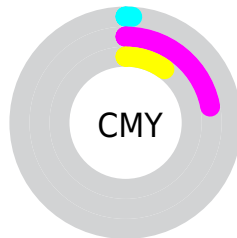
- Red (99%)
- Green (78%)
- Blue (90%)



- Red (99%)
- Yellow (78%)
- Blue (90%)



- Cyan (0%)
- Magenta (21%)
- Yellow (9%)
- Black (1%)



- Cyan (1%)
- Magenta (22%)
- Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the RYB color 253, 200, 229 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, 200, 229 by changing the saturation by 10% instead.

 253, 200, 229


255, 255, 255

 253, 200, 229


 224, 173, 201

 196, 146, 174

 168, 120, 147

 141, 95, 121

 115, 71, 96

 90, 47, 73

 66, 25, 50

 43, 3, 29

 14, 0, 1

■ 253, 200, 229

■ 253, 200, 229

■ 253, 175, 218

■ 253, 225, 240

■ 253, 149, 206

■ 253, 251, 252

■ 253, 124, 195

253, 254, 255

■ 253, 99, 183

■ 253, 74, 172

■ 253, 48, 160

■ 253, 23, 149

■ 253, 0, 138

Harmonies

Analogous

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



231, 206, 249



253, 200, 229



255, 199, 206

Triad

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



253, 200, 229



176, 222, 170



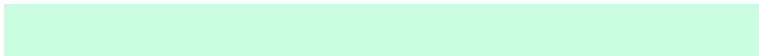
153, 194, 245

Complementary

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



253, 200, 229



200, 236, 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.



154, 192, 228



253, 200, 229



181, 223, 208

Square

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



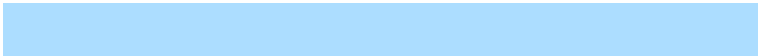
253, 200, 229



241, 245, 171



171, 207, 227



172, 203, 255

Rectangle

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



253, 200, 229



255, 201, 191



171, 207, 227



151, 192, 239

Sweetspot

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



253, 200, 229



255, 240, 248



224, 200, 253



128, 119, 123



0, 0, 0



128, 128, 128

Same Dimension

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



253, 200, 229



255, 191, 226



253, 200, 203



128, 115, 122



191, 0, 105



64, 0, 35

Inverse Universe

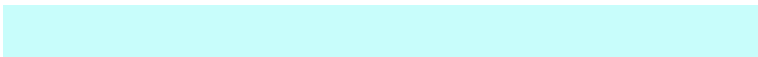
The Inverse Universe completely reimagines the original color for something new.



253, 200, 229



255, 191, 226



200, 227, 253



128, 115, 122



191, 0, 105



64, 0, 35

Previews

White Background



This preview shows how the RYB color 253, 200, 229 looks on a white background.

Color Contrast Check

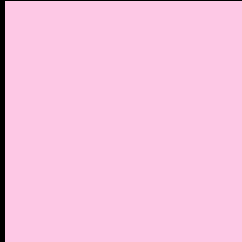
Large Text (above 18pt) WCAG AA × Fail

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, 200, 229 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, 200, 229 Background



This preview shows how black text looks on a background with the RYB color 253, 200, 229.



This preview shows how white text looks on a background with the RYB color 253, 200, 229.

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, 200, 229

Protanopia
212, 214, 237

Deuteranopia
230, 209, 227



Tritanopia
252, 202, 218

Trichromacy



Original Color
253, 200, 229

Protanomaly
227, 209, 234

Deuteranomaly
238, 206, 228

Tritanomaly
252, 201, 222

Monochromacy



Original Color
253, 200, 229

Achromatopsia
219, 219, 219

Achromatomaly
231, 212, 223

CSS Examples

Text

The CSS property to change the color of the text to RYB 253, 200, 229 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, 200, 229) looks like.

```
.text, #text, p{  
    color:rgb(253, 200, 229)  
}
```

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, 200, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 200, 229) }
```

Border

The CSS property to change the border of an element to RYB 253, 200, 229 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, 200, 229) }
```

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

```
.border{ border-color:rgb(253, 200, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 200, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 200, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 200, 229);  
box-shadow:4px 4px 4px 4px rgb(253, 200,  
229) }
```

Background

The CSS property to change the background color of an element to RYB 253, 200, 229 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 200, 229) }
```

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

```
.background{ background-color: rgb(253,  
200, 229) }
```

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