

Converting Colors

`RYB(254, 200, 215)`

Have a look what the booklet for
RYB(254, 200, 215) contains.

RYB(254, 200, 215)	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(254, 200, 215)

Conversions

Conversions Part 1

Format	Color
Hex	FEC8D7
RGB	254, 200, 215
RGB Percent	100%, 78%, 84%
CMY	0.0039, 0.2157, 0.1569
CMYK	0.00, 0.21, 0.15, 0.00
HSL	343°, 96%, 89%
HSV	343°, 21%, 100%
XYZ	73.7931, 67.2857, 73.3881
YIQ	217.8560, 27.3690, 16.1130

Conversions

Conversions Part 2

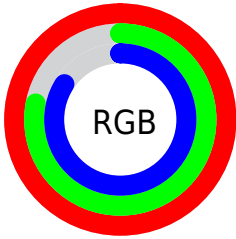
Format	Color
RYB	254, 200, 215
Decimal	16697559
CIELab	85.65, 21.41, -0.10
CIElCh	86, 21.408, 359.732
Yxy	67.2857, 0.3441, 0.3137
Android (android.graphics.Color)	4294887639 (0xFFFE8D7)
YUV	217.8560, -1.4080, 31.6983
Hunter-Lab	82.0278, 17.0316, 4.3743

Details

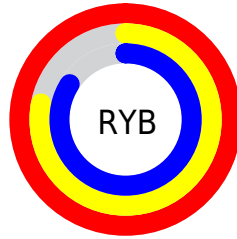
The RYB color **254, 200, 215** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **200, 231, 254**, and the grayscale version is **218, 218, 218**.

A 20% lighter version of the original color is 255, 255, 255, and **197, 146, 160** is the 20% darker color. If you saturate the color by 10%, you get **254, 175, 197**, and if you desaturate by 10%, it is **254, 225, 233**.

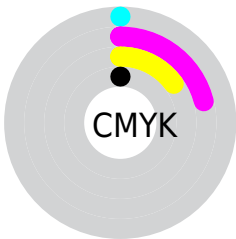
Distribution



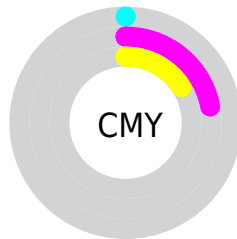
- Red (100%)
- Green (78%)
- Blue (84%)



- Red (100%)
- Yellow (78%)
- Blue (84%)



- Cyan (0%)
- Magenta (21%)
- Yellow (15%)
- Black (0%)



- Cyan (0%)
- Magenta (22%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the RYB color 254, 200, 215 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 254, 200, 215 by changing the saturation by 10% instead.


 254, 200, 215

255, 255, 255

 254, 200, 215


 225, 173, 187

 197, 146, 160

 169, 120, 134

 142, 95, 109

 116, 71, 85

 91, 48, 62


 66, 26, 40

 43, 3, 19


 7, 0, 0

 254, 200, 215


 254, 200, 215

 254, 175, 197

 254, 225, 233


 254, 149, 178

 254, 251, 252

 254, 124, 160

254, 255, 255

 254, 98, 142

 254, 73, 123

 254, 48, 105

 254, 22, 87

 254, 0, 71

Harmonies

Analogous

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



240, 203, 235



254, 200, 215



255, 202, 195

Triad

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



254, 200, 215



179, 219, 190



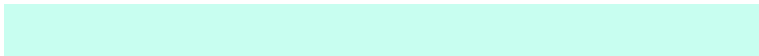
169, 201, 248

Complementary

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



254, 200, 215



200, 231, 254

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.



160, 194, 233



254, 200, 215



185, 217, 224

Square

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



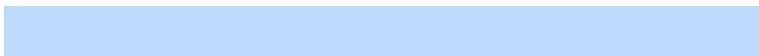
254, 200, 215



198, 230, 174



167, 200, 226



191, 209, 254

Rectangle

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



254, 200, 215



251, 213, 184



167, 200, 226



164, 198, 244

Sweetspot

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



254, 200, 215



255, 240, 244



239, 200, 254



128, 119, 121



0, 0, 0



128, 128, 128

Same Dimension

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



254, 200, 215



255, 189, 207



254, 215, 200



128, 115, 118



191, 0, 53



64, 0, 18

Inverse Universe

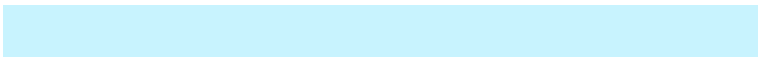
The Inverse Universe completely reimagines the original color for something new.



254, 200, 215



255, 189, 207



200, 224, 254



128, 115, 118



191, 0, 53



64, 0, 18

Previews

White Background



This preview shows how the RYB color 254, 200, 215 looks on a white background.

Color Contrast Check

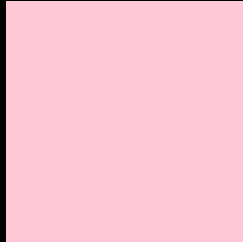
Large Text (above 18pt) WCAG AA × Fail

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 254, 200, 215 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](#).

RYP 254, 200, 215 Background



This preview shows how black text looks on a background with the RYB color 254, 200, 215.



This preview shows how white text looks on a background with the RYB color 254, 200, 215.

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
254, 200, 215

Protanopia
216, 213, 223

Deuteranopia
235, 208, 214



Tritanopia
254, 200, 215

Trichromacy



Original Color

254, 200, 215

Protanomaly

230, 208, 220

Deuteranomaly

242, 205, 214

Tritanomaly

254, 200, 215

Monochromacy



Original Color

254, 200, 215

Achromatopsia

218, 218, 218

Achromatomaly

231, 211, 217

CSS Examples

Text

The CSS property to change the color of the text to RYB 254, 200, 215 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(254, 200, 215) looks like.

```
.text, #text, p{  
    color:rgb(254, 200, 215)  
}
```

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(254, 200, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 200, 215) }
```

Border

The CSS property to change the border of an element to RYB 254, 200, 215 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(254, 200, 215) }
```

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

```
.border{ border-color:rgb(254, 200, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 200, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 200, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 200, 215);  
box-shadow:4px 4px 4px 4px rgb(254, 200,  
215) }
```

Background

The CSS property to change the background color of an element to RYB 254, 200, 215 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 200, 215) }
```

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

```
.background{ background-color: rgb(254,  
200, 215) }
```

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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