

Converting Colors

`RYB(250, 208, 200)`

Have a look what the booklet for
RYB(250, 208, 200) contains.

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Color

R_YB(250, 208, 200)

Conversions

Conversions Part 1

Format	Color
Hex	FACFC8
RGB	250, 207, 200
RGB Percent	98%, 81%, 78%
CMY	0.0196, 0.1886, 0.2157
CMYK	0.00, 0.17, 0.20, 0.02
HSL	8°, 83%, 88%
HSV	8°, 20%, 98%
XYZ	72.1374, 69.0697, 64.1733
YIQ	219.0590, 27.8750, 6.9390

Conversions

Conversions Part 2

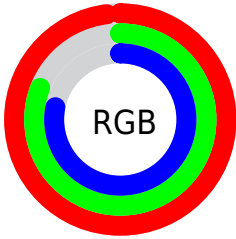
Format	Color
R _Y B	250, 208, 200
Decimal	16437192
CIE Lab	86.54, 14.11, 9.11
CIE LCh	87, 16.790, 32.841
Yxy	69.0697, 0.3512, 0.3363
Android (android.graphics.Color)	4294627272 (0xFFFAFC8)
YUV	219.0590, -9.3961, 27.1353
Hunter-Lab	83.1082, 9.4978, 12.3940

Details

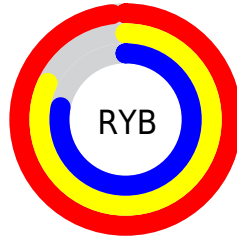
The RYB color **250, 208, 200** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **200, 223, 250**, and the grayscale version is **219, 219, 219**.

A 20% lighter version of the original color is **255, 255, 255**, and **193, 154, 146** is the 20% darker color. If you saturate the color by 10%, you get **250, 187, 175**, and if you desaturate by 10%, it is **250, 228, 225**.

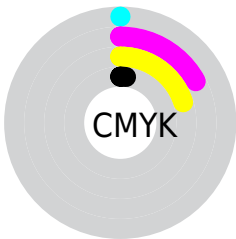
Distribution



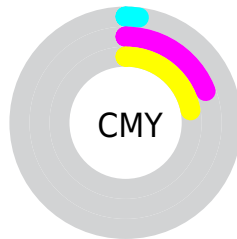
- Red (98%)
- Green (81%)
- Blue (78%)



- Red (98%)
- Yellow (82%)
- Blue (78%)



- Cyan (0%)
- Magenta (17%)
- Yellow (20%)
- Black (2%)



- Cyan (2%)
- Magenta (19%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the RYB color 250, 208, 200 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 250, 208, 200 by changing the saturation by 10% instead.

 250, 208, 200

255, 255, 255

 250, 208, 200

 221, 180, 173


 193, 154, 146


 165, 128, 120

 139, 102, 96

 112, 78, 72

 87, 54, 50


 63, 34, 29

 41, 14, 2


 0, 0, 0

 250, 208, 200


 250, 208, 200

 250, 187, 175


 250, 228, 225


 250, 166, 150

 250, 250, 250

 250, 145, 125

 250, 253, 255

 250, 124, 100

 250, 103, 75

 250, 83, 50

 250, 61, 25

 250, 39, 0

Harmonies

Analogous

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



249, 206, 216



250, 208, 200



242, 227, 189

Triad

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



250, 208, 200



192, 217, 225



201, 213, 248

Complementary

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



250, 208, 200



200, 223, 250

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.



184, 207, 244



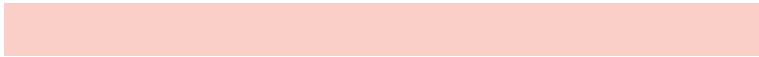
250, 208, 200



179, 205, 226

Square

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



250, 208, 200



190, 221, 201



176, 202, 233



222, 212, 243

Rectangle

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



250, 208, 200



216, 233, 185



176, 202, 233



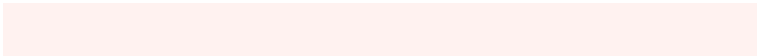
195, 212, 248

Sweetspot

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



250, 208, 200



255, 242, 240



250, 200, 243



128, 120, 119



0, 0, 0



128, 128, 128

Same Dimension

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



250, 208, 200



255, 203, 194



228, 250, 200



125, 114, 112



189, 30, 0



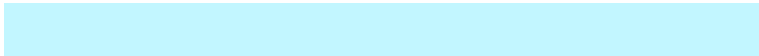
61, 9, 0

Inverse Universe

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



200, 223, 250



194, 222, 255



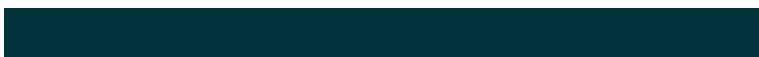
200, 213, 250



112, 118, 125



0, 88, 189



0, 28, 61

Previews

White Background



This preview shows how the RYB color 250, 208, 200 looks on a white background.

Color Contrast Check

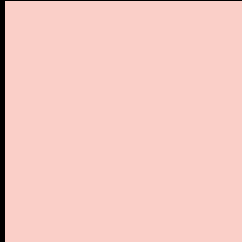
Large Text (above 18pt) WCAG AA × Fail

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 250, 208, 200 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

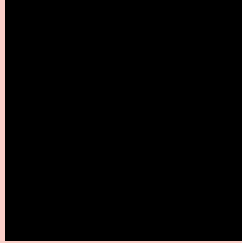
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

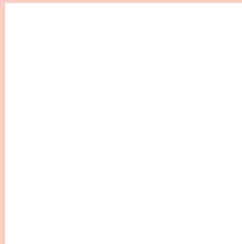
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 250, 208, 200 Background



This preview shows how black text looks on a background with the RYB color 250, 208, 200.



This preview shows how white text looks on a background with the RYB color 250, 208, 200.

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





Tritanopia
252, 204, 220

Trichromacy



Original Color

250, 208, 200

Protanomaly

233, 218, 203

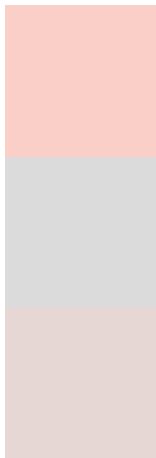
Deuteranomaly

246, 210, 200

Tritanomaly

251, 205, 213

Monochromacy



Original Color

250, 208, 200

Achromatopsia

219, 219, 219

Achromatomaly

230, 216, 212

CSS Examples

Text

The CSS property to change the color of the text to RYB 250, 208, 200 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(250, 207, 200)` looks like.

```
.text, #text, p{  
    color:rgb(250, 207, 200)  
}
```

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(250, 207, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 207, 200) }
```

Border

The CSS property to change the border of an element to RYB 250, 208, 200 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(250, 207, 200) }
```

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

```
.border{ border-color:rgb(250, 207, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 207, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 207, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 207, 200);  
box-shadow:4px 4px 4px 4px rgb(250, 207,  
200) }
```

Background

The CSS property to change the background color of an element to RYB 250, 208, 200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 207, 200) }
```

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

```
.background{ background-color: rgb(250,  
207, 200) }
```

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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