

Converting Colors

`RYB(251, 209, 200)`

Have a look what the booklet for
RYB(251, 209, 200) contains.

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Color

R_YB(251, 209, 200)

Conversions

Conversions Part 1

Format	Color
Hex	FBD0C8
RGB	251, 208, 200
RGB Percent	98%, 82%, 78%
CMY	0.0157, 0.1857, 0.2157
CMYK	0.00, 0.17, 0.20, 0.02
HSL	9°, 86%, 88%
HSV	9°, 20%, 98%
XYZ	72.6796, 69.6206, 64.2511
YIQ	219.9450, 28.1960, 6.6280

Conversions

Conversions Part 2

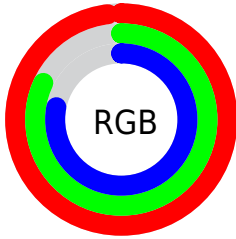
Format	Color
R _Y B	251, 209, 200
Decimal	16502984
CIE Lab	86.81, 14.07, 9.51
CIE LCh	87, 16.984, 34.037
Yxy	69.6206, 0.3519, 0.3371
Android (android.graphics.Color)	4294693064 (0xFFFBD0C8)
YUV	219.9450, -9.8329, 27.2352
Hunter-Lab	83.4390, 9.4644, 12.7518

Details

The RYB color **251, 209, 200** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **200, 223, 251**, and the grayscale version is **220, 220, 220**.

A 20% lighter version of the original color is 255, 255, 255, and **194, 156, 146** is the 20% darker color. If you saturate the color by 10%, you get **251, 188, 175**, and if you desaturate by 10%, it is **251, 230, 225**.

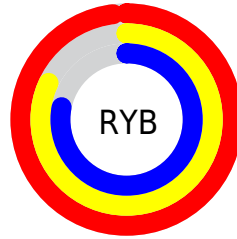
Distribution



Red (98%)

Green (82%)

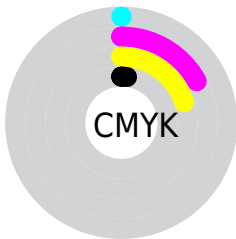
Blue (78%)



Red (98%)

Yellow (82%)

Blue (78%)

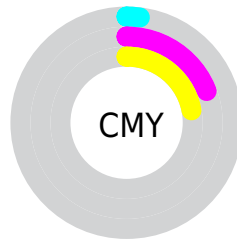


Cyan (0%)

Magenta (17%)

Yellow (20%)

Black (2%)



Cyan (2%)

Magenta (19%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the RYB color 251, 209, 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 251, 209, 200 by changing the saturation by 10% instead.

■ 251, 209, 200

255, 255, 255

■ 251, 209, 200

■ 222, 181, 173

■ 194, 154, 146

■ 166, 128, 120

■ 139, 103, 96

■ 113, 79, 72

■ 88, 56, 50

■ 64, 34, 29

■ 41, 15, 2

■ 1, 0, 0

251, 209, 200

251, 209, 200

251, 188, 175

251, 230, 225

251, 168, 150

251, 250, 250

251, 147, 125

251, 253, 255

251, 126, 100

251, 106, 74

251, 86, 49

251, 64, 24

251, 45, 0

Harmonies

Analogous

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



250, 206, 216



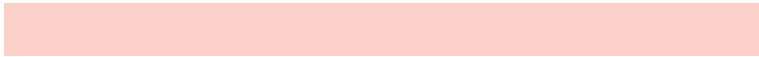
251, 209, 200



243, 229, 189

Triad

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



251, 209, 200



192, 217, 225



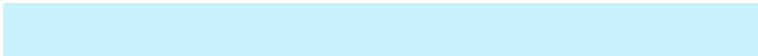
203, 214, 249

Complementary

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



251, 209, 200



200, 223, 251

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.



185, 208, 246



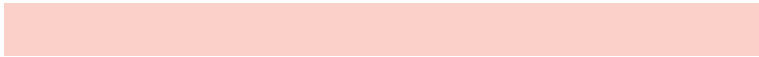
251, 209, 200



179, 205, 227

Square

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



251, 209, 200



190, 222, 202



176, 203, 235



223, 213, 244

Rectangle

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



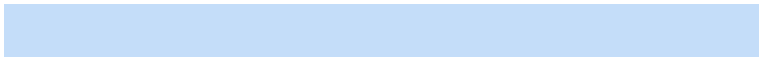
251, 209, 200



217, 234, 186



176, 203, 235



196, 213, 249

Sweetspot

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



251, 209, 200



255, 242, 240



251, 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.



251, 209, 200



255, 205, 194



228, 251, 200



125, 114, 112



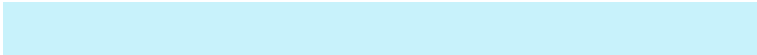
189, 33, 0



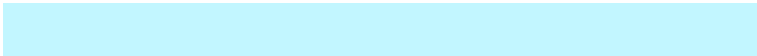
61, 11, 0

Inverse Universe

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



200, 223, 251



194, 222, 255



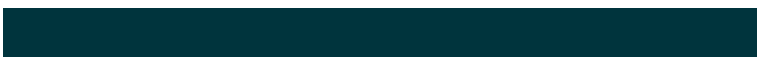
200, 213, 251



112, 118, 125



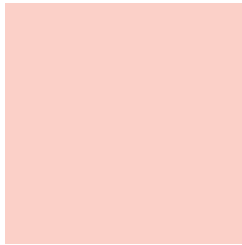
0, 87, 189



0, 28, 61

Previews

White Background



This preview shows how the RYB color 251, 209, 200 looks on a white background.

Color Contrast Check

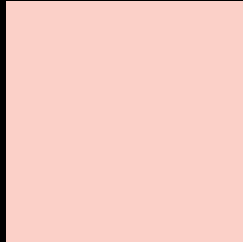
Large Text (above 18pt) WCAG AA × Fail

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 251, 209, 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 251, 209, 200 Background



This preview shows how black text looks on a background with the RYB color 251, 209, 200.


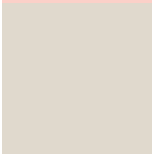



This preview shows how white text looks on a background with the RYB color 251, 209, 200.

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

	Original Color 251, 209, 200
	Protanopia 216, 224, 205
	Deuteranopia 245, 213, 200



Tritanopia
253, 205, 220

Trichromacy



Original Color

251, 209, 200

Protanomaly

234, 220, 203

Deuteranomaly

247, 211, 200

Tritanomaly

252, 206, 213

Monochromacy



Original Color

251, 209, 200

Achromatopsia

220, 220, 220

Achromatomaly

231, 217, 213

CSS Examples

Text

The CSS property to change the color of the text to RYB 251, 209, 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(251, 208, 200)` looks like.

```
.text, #text, p{  
    color:rgb(251, 208, 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(251, 208, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 208, 200) }
```

Border

The CSS property to change the border of an element to RYB 251, 209, 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(251, 208, 200) }
```

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

```
.border{ border-color:rgb(251, 208, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 208, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(251, 208, 200); -webkit-box-shadow:4px 4px 4px 4px rgb(251, 208, 200); box-shadow:4px 4px 4px 4px rgb(251, 208, 200) }
```

Background

The CSS property to change the background color of an element to RYB 251, 209, 200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 208, 200) }
```

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

```
.background{ background-color: rgb(251,  
208, 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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