

Converting Colors

`RYB(250, 222, 233)`

Have a look what the booklet for
RYB(250, 222, 233) contains.

RYB(250, 222, 233)	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(250, 222, 233)

Conversions

Conversions Part 1

Format	Color
Hex	FADEE9
RGB	250, 222, 233
RGB Percent	98%, 87%, 91%
CMY	0.0196, 0.1294, 0.0863
CMYK	0.00, 0.11, 0.07, 0.02
HSL	336°, 74%, 93%
HSV	336°, 11%, 98%
XYZ	80.2536, 78.4497, 88.0033
YIQ	231.6260, 13.1570, 9.3570

Conversions

Conversions Part 2

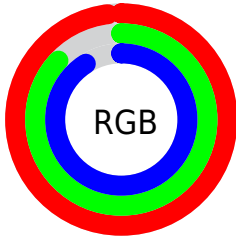
Format	Color
R _Y B	250, 222, 233
Decimal	16441065
CIE Lab	90.98, 11.44, -1.84
CIE LCh	91, 11.590, 350.854
Yxy	78.4497, 0.3253, 0.3180
Android (android.graphics.Color)	4294631145 (0xFFFADEE9)
YUV	231.6260, 0.6774, 16.1140
Hunter-Lab	88.5719, 6.7354, 3.0909

Details

The RYB color **250, 222, 233** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **222, 239, 250**, and the grayscale version is **232, 232, 232**.

A 20% lighter version of the original color is **255, 255, 255**, and **193, 167, 177** is the 20% darker color. If you saturate the color by 10%, you get **250, 197, 218**, and if you desaturate by 10%, it is **250, 247, 248**.

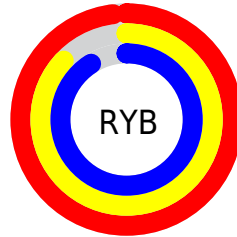
Distribution



Red (98%)

Green (87%)

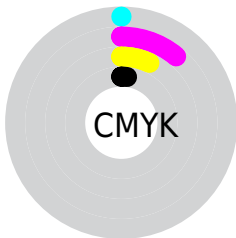
Blue (91%)



Red (98%)

Yellow (87%)

Blue (91%)

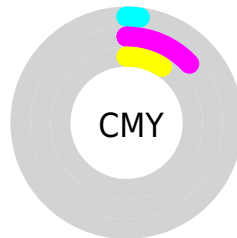


Cyan (0%)

Magenta (11%)

Yellow (7%)

Black (2%)



Cyan (2%)

Magenta (13%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the RYB color 250, 222, 233 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, 222, 233 by changing the saturation by 10% instead.

250, 222, 233

255, 255, 255

250, 222, 233

221, 194, 205

193, 167, 177

166, 140, 151

140, 115, 125

114, 90, 100

89, 67, 76


66, 44, 53

43, 24, 32


25, 0, 9

 250, 222, 233


 250, 222, 233


 250, 197, 218

 250, 247, 248


 250, 172, 203

 250, 253, 255


 250, 147, 187

 250, 122, 172

 250, 97, 157

 250, 72, 142

 250, 47, 127

 250, 22, 112

 250, 0, 98

Harmonies

Analogous

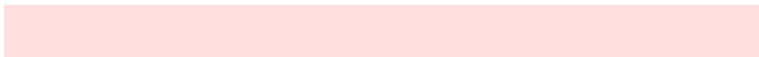
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



241, 224, 243



250, 222, 233



254, 222, 222

Triad

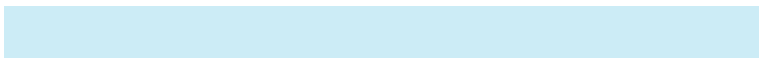
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



250, 222, 233



208, 231, 209



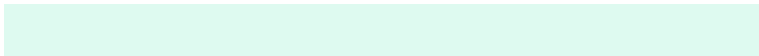
204, 222, 246

Complementary

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



250, 222, 233



222, 239, 250

Split Complementary

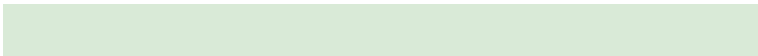
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



202, 219, 237



250, 222, 233



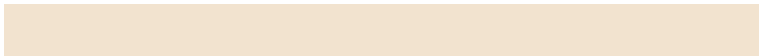
215, 234, 232

Square

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



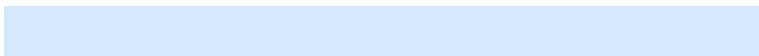
250, 222, 233



233, 242, 207



207, 225, 236



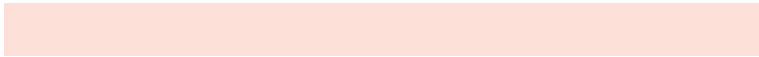
214, 226, 251

Rectangle

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



250, 222, 233



252, 225, 215



207, 225, 236



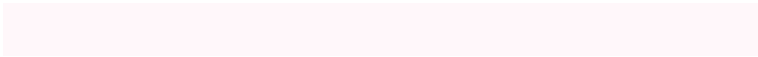
203, 221, 243

Sweetspot

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



250, 222, 233



255, 247, 250



239, 222, 250



128, 122, 124



0, 0, 0



128, 128, 128

Same Dimension

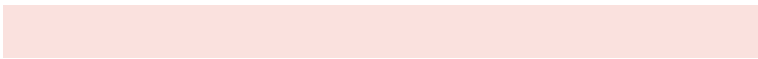
The Same Dimension uses a secret algorithm to generate beautiful new colors.



250, 222, 233



255, 222, 235



250, 225, 222



125, 112, 117



189, 0, 74



61, 0, 24

Inverse Universe

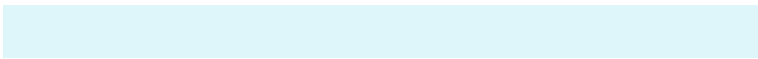
The Inverse Universe completely reimagines the original color for something new.



250, 222, 233



255, 222, 235



222, 235, 250



125, 112, 117



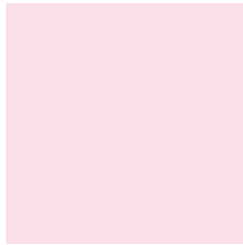
189, 0, 74



61, 0, 24

Previews

White Background



This preview shows how the RYB color 250, 222, 233 looks on a white background.

Color Contrast Check

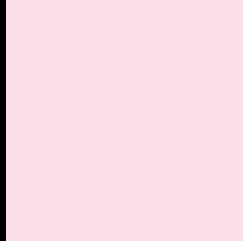
Large Text (above 18pt) WCAG AA × Fail

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, 222, 233 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

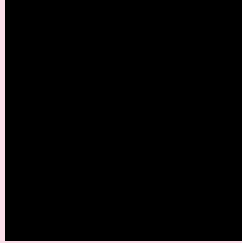
Any Text WCAG AA ✓ Pass

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](#).

R Y B 250, 222, 233 Background



This preview shows how black text looks on a background with the RYB color 250, 222, 233.

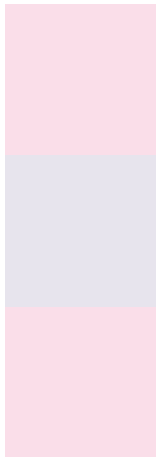


This preview shows how white text looks on a background with the RYB color 250, 222, 233.

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
250, 222, 233

Protanopia
231, 228, 237

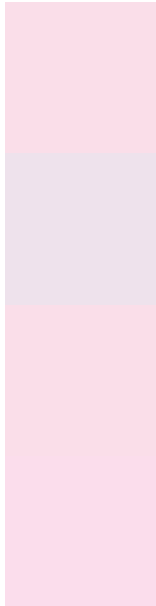
Deuteranopia
250, 222, 233



Tritanopia

251, 221, 238

Trichromacy



Original Color

250, 222, 233

Protanomaly

238, 226, 236

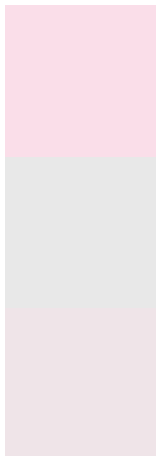
Deuteranomaly

250, 222, 233

Tritanomaly

251, 221, 236

Monochromacy



Original Color

250, 222, 233

Achromatopsia

232, 232, 232

Achromatomaly

239, 228, 232

CSS Examples

Text

The CSS property to change the color of the text to RYB 250, 222, 233 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, 222, 233) looks like.

```
.text, #text, p{  
    color:rgb(250, 222, 233)  
}
```

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, 222, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 222, 233) }
```

Border

The CSS property to change the border of an element to RYB 250, 222, 233 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, 222, 233) }
```

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

```
.border{ border-color:rgb(250, 222, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 222, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 222, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 222, 233);  
box-shadow:4px 4px 4px 4px rgb(250, 222,  
233) }
```

Background

The CSS property to change the background color of an element to RYB 250, 222, 233 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 222, 233) }
```

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

```
.background{ background-color: rgb(250,  
222, 233) }
```

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