

Converting Colors

`RYB(253, 233, 244)`

Have a look what the booklet for RYB(253, 233, 244) contains.

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Color

R_YB(253, 233, 244)

Conversions

Conversions Part 1

Format	Color
Hex	FDE9F4
RGB	253, 233, 244
RGB Percent	99%, 91%, 96%
CMY	0.0078, 0.0863, 0.0431
CMYK	0.00, 0.08, 0.04, 0.01
HSL	327°, 83%, 95%
HSV	327°, 8%, 99%
XYZ	85.9761, 85.6921, 97.5968
YIQ	240.2340, 8.3890, 7.6610

Conversions

Conversions Part 2

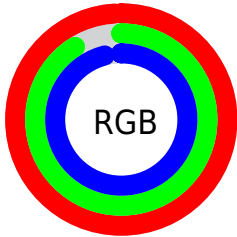
Format	Color
RYB	253, 233, 244
Decimal	16640500
CIELab	94.18, 8.64, -2.87
CIELCh	94, 9.107, 341.633
Yxy	85.6921, 0.3193, 0.3182
Android (android.graphics.Color)	4294830580 (0xFFFFDE9F4)
YUV	240.2340, 1.8566, 11.1958
Hunter-Lab	92.5700, 3.7875, 2.2895

Details

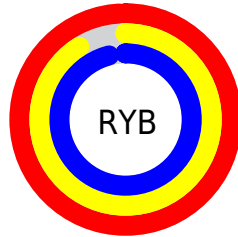
The RYB color **253, 233, 244** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **233, 247, 253**, and the grayscale version is **240, 240, 240**.

A 20% lighter version of the original color is **255, 255, 255**, and **196, 177, 188** is the 20% darker color. If you saturate the color by 10%, you get **253, 208, 233**, and if you desaturate by 10%, it is **253, 254, 255**.

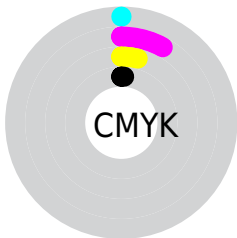
Distribution



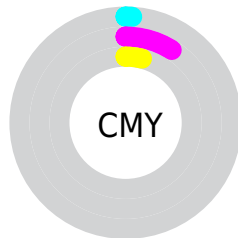
- Red (99%)
- Green (91%)
- Blue (96%)



- Red (99%)
- Yellow (91%)
- Blue (96%)



- Cyan (0%)
- Magenta (8%)
- Yellow (4%)
- Black (1%)



- Cyan (1%)
- Magenta (9%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the RYB color 253, 233, 244 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, 233, 244 by changing the saturation by 10% instead.

 253, 233, 244

255, 255, 255

 253, 233, 244

 224, 205, 216


 196, 177, 188

 169, 151, 161

 143, 125, 135

 117, 100, 109

 92, 76, 85

 69, 53, 62

 46, 32, 40

 26, 9, 20

253, 233, 244

253, 233, 244

253, 208, 233

253, 254, 255

253, 182, 221

253, 157, 210

253, 132, 198

253, 107, 187

253, 81, 176

253, 56, 164

253, 31, 153

253, 5, 142

Harmonies

Analogous

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



244, 235, 251



253, 233, 244



255, 232, 235

Triad

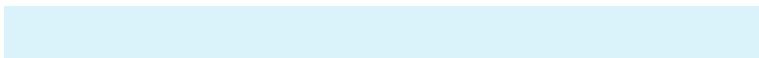
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



253, 233, 244



225, 242, 221



218, 232, 250

Complementary

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



253, 233, 244



233, 247, 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.



217, 231, 244



253, 233, 244



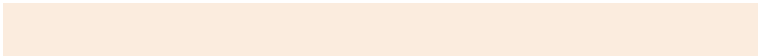
225, 241, 234

Square

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



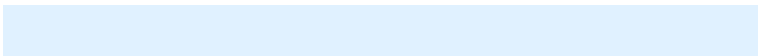
253, 233, 244



251, 249, 222



223, 237, 243



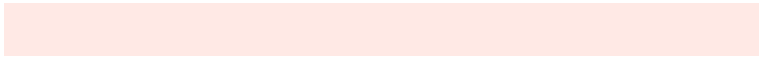
224, 235, 255

Rectangle

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



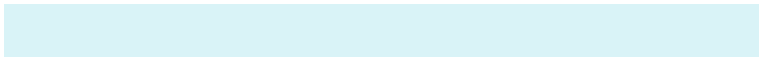
253, 233, 244



255, 234, 229



223, 237, 243



217, 231, 247

Sweetspot

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



253, 233, 244



255, 250, 253



242, 233, 253



128, 125, 126



0, 0, 0



128, 128, 128

Same Dimension

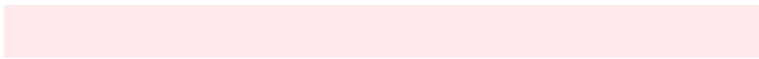
The Same Dimension uses a secret algorithm to generate beautiful new colors.



253, 233, 244



255, 232, 245



253, 233, 234



128, 115, 122



191, 0, 105



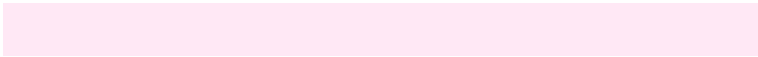
64, 0, 35

Inverse Universe

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



253, 233, 244



255, 232, 245



233, 243, 253



128, 115, 122



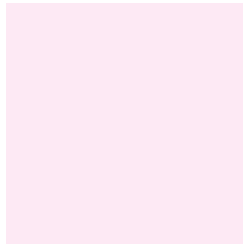
191, 0, 105



64, 0, 35

Previews

White Background



This preview shows how the RYB color 253, 233, 244 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, 233, 244 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, 233, 244 Background



This preview shows how black text looks on a background with the RYB color 253, 233, 244.

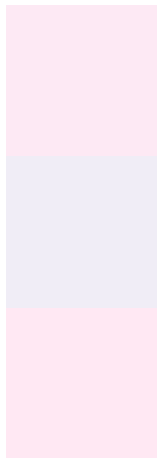


This preview shows how white text looks on a background with the RYB color 253, 233, 244.

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, 233, 244

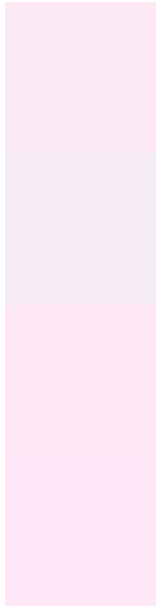
Protanopia
240, 237, 246

Deuteranopia
255, 232, 243



Tritanopia
254, 232, 250

Trichromacy



Original Color

253, 233, 244

Protanomaly

245, 236, 245

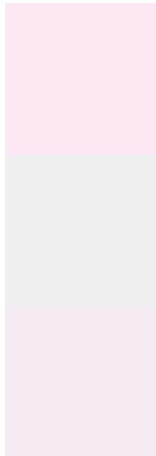
Deuteranomaly

254, 232, 243

Tritanomaly

254, 232, 248

Monochromacy



Original Color

253, 233, 244

Achromatopsia

240, 240, 240

Achromatomaly

245, 237, 241

CSS Examples

Text

The CSS property to change the color of the text to RYB 253, 233, 244 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, 233, 244) looks like.

```
.text, #text, p{  
    color:rgb(253, 233, 244)  
}
```

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, 233, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 233, 244) }
```

Border

The CSS property to change the border of an element to RYB 253, 233, 244 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, 233, 244) }
```

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

```
.border{ border-color:rgb(253, 233, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 233, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 233, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 233, 244);  
box-shadow:4px 4px 4px 4px rgb(253, 233,  
244) }
```

Background

The CSS property to change the background color of an element to RYB 253, 233, 244 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 233, 244) }
```

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

```
.background{ background-color: rgb(253,  
233, 244) }
```

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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