

Converting Colors

`RYB(248, 233, 255)`

Have a look what the booklet for
RYB(248, 233, 255) contains.

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Color

R_YB(248, 233, 255)

Conversions

Conversions Part 1

Format	Color
Hex	F8E9FF
RGB	248, 233, 255
RGB Percent	97%, 91%, 100%
CMY	0.0275, 0.0863, 0.0000
CMYK	0.03, 0.09, 0.00, 0.00
HSL	281°, 100%, 96%
HSV	281°, 9%, 100%
XYZ	85.9003, 85.4543, 106.5746
YIQ	239.9930, 1.8780, 10.0220

Conversions

Conversions Part 2

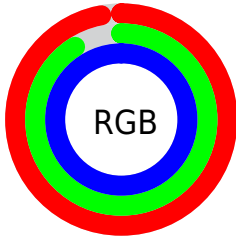
Format	Color
R_{YB}	248, 233, 255
Decimal	16312831
CIE _{Lab}	94.08, 8.94, -8.79
CIE _{LCh}	94, 12.535, 315.500
Y _{xy}	85.4543, 0.3091, 0.3075
Android (android.graphics.Color)	4294502911 (0xFFFF8E9FF)
YUV	239.9930, 7.3985, 7.0221
Hunter-Lab	92.4415, 4.0967, -3.6457

Details

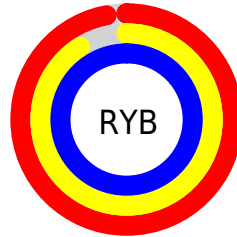
The RYB color **248, 233, 255** is a light color, and the websafe version is hex FFFFFFF. A complement of this color would be **233, 255, 248**, and the grayscale version is **240, 240, 240**.

A 20% lighter version of the original color is **255, 255, 255**, and **192, 177, 198** is the 20% darker color. If you saturate the color by 10%, you get **240, 208, 255**, and if you desaturate by 10%, it is **255, 255, 255**.

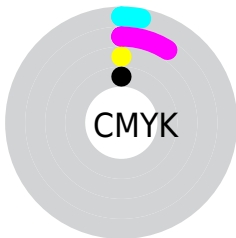
Distribution



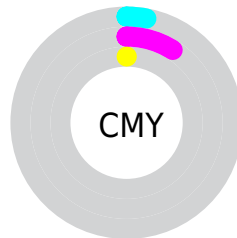
- Red (97%)
- Green (91%)
- Blue (100%)



- Red (97%)
- Yellow (91%)
- Blue (100%)



- Cyan (3%)
- Magenta (9%)
- Yellow (0%)
- Black (0%)



- Cyan (3%)
- Magenta (9%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the RYB color 248, 233, 255 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 248, 233, 255 by changing the saturation by 10% instead.

248, 233, 255

248, 233, 255

255, 255, 255

219, 205, 226

192, 177, 198

164, 151, 171

138, 125, 144

113, 100, 119

88, 76, 94

65, 53, 70

43, 32, 48

23, 9, 27

248, 233, 255

248, 233, 255

240, 208, 255

255, 255, 255

232, 182, 255

224, 156, 255

216, 131, 255

207, 106, 255

199, 80, 255

191, 55, 255

183, 29, 255

175, 4, 255

Harmonies

Analogous

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



233, 236, 255



248, 233, 255



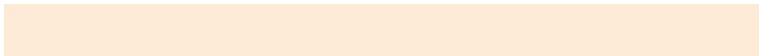
255, 230, 244

Triad

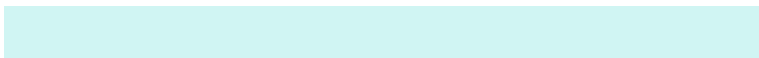
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



248, 233, 255



252, 254, 215



208, 227, 245

Complementary

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



248, 233, 255



233, 255, 248

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.



215, 234, 245



248, 233, 255



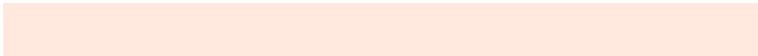
217, 241, 215

Square

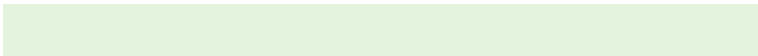
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



248, 233, 255



255, 237, 221



221, 243, 237



210, 229, 255

Rectangle

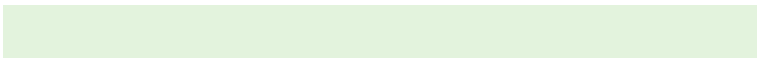
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



248, 233, 255



255, 230, 236



221, 243, 237



210, 229, 245

Sweetspot

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



248, 233, 255



253, 247, 255



233, 238, 255



126, 122, 128



0, 0, 0



128, 128, 128

Same Dimension

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



248, 233, 255



247, 230, 255



255, 233, 251



123, 115, 128



130, 0, 191



43, 0, 64

Inverse Universe

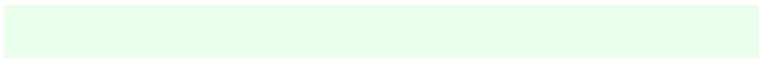
The Inverse Universe completely reimagines the original color for something new.



255, 233, 240



255, 230, 238



233, 252, 255



128, 115, 119



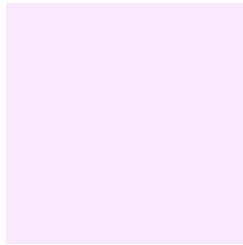
191, 0, 61



64, 0, 20

Previews

White Background



This preview shows how the RYB color 248, 233, 255 looks on a white background.

Color Contrast Check

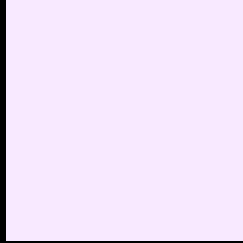
Large Text (above 18pt) WCAG AA × Fail

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 248, 233, 255 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

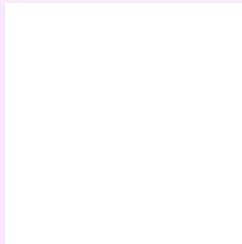
Any Text WCAG AAA ✓ Pass

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

RYP 248, 233, 255 Background



This preview shows how black text looks on a background with the RYB color 248, 233, 255.

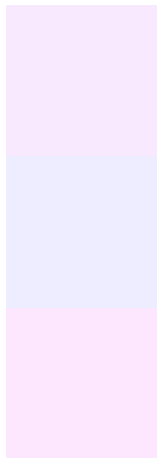


This preview shows how white text looks on a background with the RYB color 248, 233, 255.

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
248, 233, 255

Protanopia
237, 237, 255

Deuteranopia
253, 231, 255



Tritanopia

248, 234, 252

Trichromacy



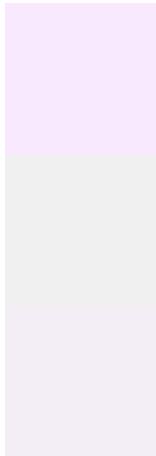
Original Color
248, 233, 255

Protanomaly
241, 236, 255

Deuteranomaly
251, 232, 255

Tritanomaly
248, 234, 253

Monochromacy



Original Color
248, 233, 255

Achromatopsia
240, 240, 240

Achromatomaly
243, 237, 245

CSS Examples

Text

The CSS property to change the color of the text to RYB 248, 233, 255 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(248, 233, 255) looks like.

```
.text, #text, p{  
    color:rgb(248, 233, 255)  
}
```

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(248, 233, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 233, 255) }
```

Border

The CSS property to change the border of an element to RYB 248, 233, 255 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(248, 233, 255) }
```

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

```
.border{ border-color:rgb(248, 233, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 233, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 233, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 233, 255);  
box-shadow:4px 4px 4px 4px rgb(248, 233,  
255) }
```

Background

The CSS property to change the background color of an element to RYB 248, 233, 255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 233, 255) }
```

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

```
.background{ background-color: rgb(248,  
233, 255) }
```

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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