

Converting Colors

`RYB(250, 227, 243)`

Have a look what the booklet for RYB(250, 227, 243) contains.

RYB(250, 227, 243)	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, 227, 243)

Conversions

Conversions Part 1

Format	Color
Hex	FAE3F3
RGB	250, 227, 243
RGB Percent	98%, 89%, 95%
CMY	0.0196, 0.1098, 0.0471
CMYK	0.00, 0.09, 0.03, 0.02
HSL	318°, 70%, 94%
HSV	318°, 9%, 98%
XYZ	83.0711, 81.7332, 96.1918
YIQ	235.7010, 8.5720, 9.8520

Conversions

Conversions Part 2

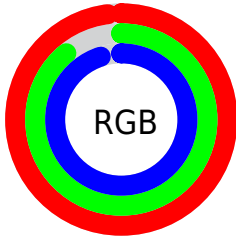
Format	Color
R _Y B	250, 227, 243
Decimal	16442355
CIE Lab	92.46, 10.56, -4.91
CIE LCh	92, 11.650, 335.064
Yxy	81.7332, 0.3183, 0.3132
Android (android.graphics.Color)	4294632435 (0xFFFAE3F3)
YUV	235.7010, 3.5984, 12.5402
Hunter-Lab	90.4064, 5.8057, 0.2004

Details

The RYB color **250, 227, 243** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **227, 245, 250**, and the grayscale version is **236, 236, 236**.

A 20% lighter version of the original color is 255, 255, 255, and **193, 172, 187** is the 20% darker color. If you saturate the color by 10%, you get **250, 202, 235**, and if you desaturate by 10%, it is 250, 251, 252.

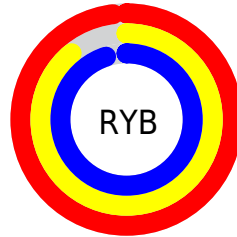
Distribution



Red (98%)

Green (89%)

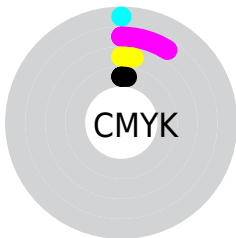
Blue (95%)



Red (98%)

Yellow (89%)

Blue (95%)

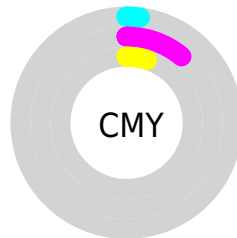


Cyan (0%)

Magenta (9%)

Yellow (3%)

Black (2%)



Cyan (2%)

Magenta (11%)

Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the RYB color 250, 227, 243 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, 227, 243 by changing the saturation by 10% instead.

 250, 227, 243


255, 255, 255

 250, 227, 243


 221, 199, 215

 193, 172, 187

 166, 145, 160

 140, 119, 134

 114, 95, 109

 90, 71, 84

 66, 48, 61

 44, 27, 39


 24, 1, 19

 250, 227, 243


 250, 227, 243


 250, 202, 235


 250, 251, 252


 250, 177, 228


 250, 253, 255


 250, 152, 220

 250, 127, 213

 250, 102, 205

 250, 77, 197

 250, 52, 190

 250, 27, 182

 250, 2, 175

Harmonies

Analogous

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



238, 230, 252



250, 227, 243



255, 226, 232

Triad

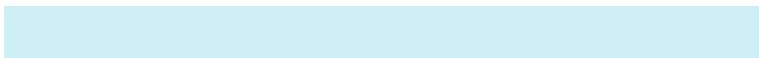
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



250, 227, 243



222, 241, 211



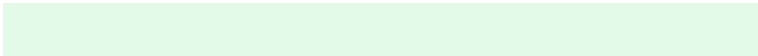
206, 224, 246

Complementary

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



250, 227, 243



227, 245, 250

Split Complementary

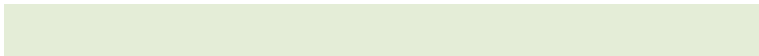
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



207, 225, 240



250, 227, 243



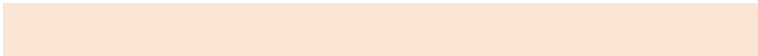
215, 237, 224

Square

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



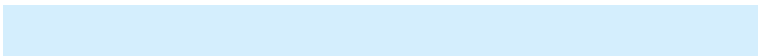
250, 227, 243



251, 244, 213



216, 233, 239



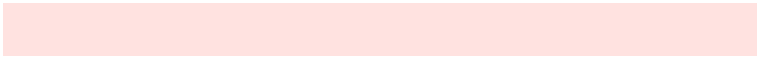
212, 228, 253

Rectangle

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



250, 227, 243



255, 226, 224



216, 233, 239



206, 223, 242

Sweetspot

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



250, 227, 243



255, 247, 253



234, 227, 250



128, 122, 126



0, 0, 0



128, 128, 128

Same Dimension

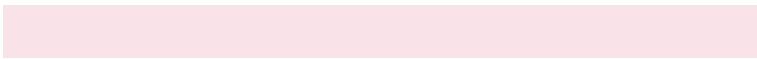
The Same Dimension uses a secret algorithm to generate beautiful new colors.



250, 227, 243



255, 227, 246



250, 227, 232



125, 112, 121



189, 0, 131



61, 0, 43

Inverse Universe

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



250, 227, 243



255, 227, 246



227, 240, 250



125, 112, 121



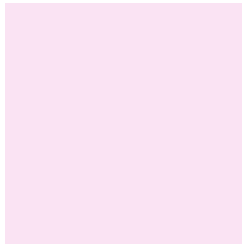
189, 0, 131



61, 0, 43

Previews

White Background



This preview shows how the RYB color 250, 227, 243 looks on a white background.

Color Contrast Check

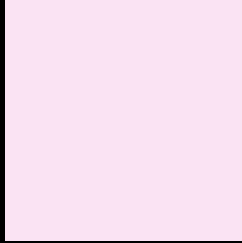
Large Text (above 18pt) WCAG AA × Fail

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, 227, 243 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, 227, 243 Background



This preview shows how black text looks on a background with the RYB color 250, 227, 243.



This preview shows how white text looks on a background with the RYB color 250, 227, 243.

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, 227, 243

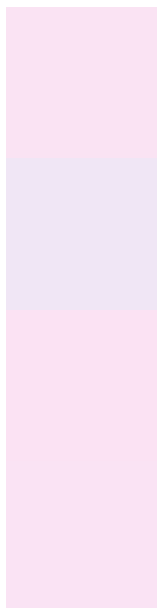
Protanopia
234, 232, 246

Deuteranopia
252, 226, 243



Tritanopia
250, 227, 245

Trichromacy



Original Color

250, 227, 243

Protanomaly

240, 230, 245

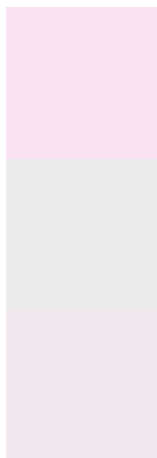
Deuteranomaly

251, 226, 243

Tritanomaly

250, 227, 244

Monochromacy



Original Color

250, 227, 243

Achromatopsia

236, 236, 236

Achromatomaly

241, 233, 239

CSS Examples

Text

The CSS property to change the color of the text to RGB 250, 227, 243 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, 227, 243) looks like.

```
.text, #text, p{  
    color:rgb(250, 227, 243)  
}
```

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, 227, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 227, 243) }
```

Border

The CSS property to change the border of an element to RYB 250, 227, 243 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, 227, 243) }
```

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

```
.border{ border-color:rgb(250, 227, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 227, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 227, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 227, 243);  
box-shadow:4px 4px 4px 4px rgb(250, 227,  
243) }
```

Background

The CSS property to change the background color of an element to RYB 250, 227, 243 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 227, 243) }
```

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

```
.background{ background-color: rgb(250,  
227, 243) }
```

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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