

Converting Colors

RGB(247, 227, 253)

Have a look what the booklet for
RGB(247, 227, 253) contains.

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Color

RGB(247, 227, 253)

Conversions

Conversions Part 1

Format	Color
Hex	F7E3FD
RGB	247, 227, 253
RGB Percent	97%, 89%, 99%
CMY	0.0314, 0.1098, 0.0078
CMYK	0.02, 0.10, 0.00, 0.01
HSL	286°, 87%, 94%
HSV	286°, 10%, 99%
XYZ	83.5565, 81.8042, 104.3144
YIQ	235.9440, 3.5740, 12.3260

Conversions

Conversions Part 2

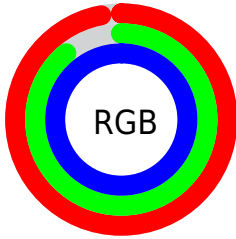
Format	Color
R_{YB}	247, 227, 253
Decimal	16245757
CIE _{Lab}	92.49, 11.36, -10.11
CIE _{LCh}	92, 15.208, 318.315
Yxy	81.8042, 0.3098, 0.3033
Android (android.graphics.Color)	4294435837 (0xFFFF7E3FD)
YUV	235.9440, 8.4086, 9.6961
Hunter-Lab	90.4457, 6.6239, -5.0694

Details

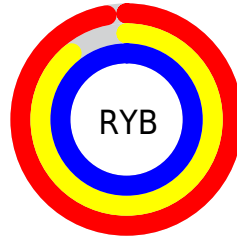
The RGB color **247, 227, 253** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **233, 253, 227**, and the grayscale version is **236, 236, 236**.

A 20% lighter version of the original color is 255, 255, 255, and **191, 172, 196** is the 20% darker color. If you saturate the color by 10%, you get **241, 202, 253**, and if you desaturate by 10%, it is 253, 252, 253.

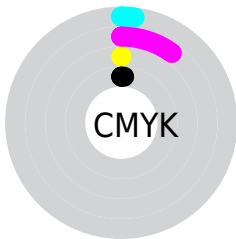
Distribution



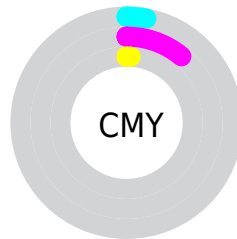
- Red (97%)
- Green (89%)
- Blue (99%)



- Red (97%)
- Yellow (89%)
- Blue (99%)



- Cyan (2%)
- Magenta (10%)
- Yellow (0%)
- Black (1%)



- Cyan (3%)
- Magenta (11%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the RGB color 247, 227, 253 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 RGB color 247, 227, 253 by changing the saturation by 10% instead.

 247, 227, 253

255, 255, 255

 247, 227, 253

 218, 199, 224

 191, 172, 196


 163, 145, 169

 137, 119, 143

 112, 95, 117

 87, 71, 92


 64, 48, 69

 41, 27, 47

 22, 1, 26

 247, 227, 253

 247, 227, 253


 241, 202, 253

 253, 252, 253

 235, 176, 253

 255, 255, 253

 229, 151, 253

 224, 126, 253

 218, 100, 253

 212, 75, 253

 206, 50, 253

 200, 25, 253

 195, 0, 253

Harmonies

Analogous

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



229, 232, 255



247, 227, 253



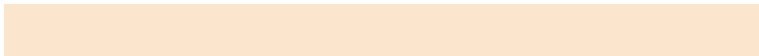
255, 224, 240

Triad

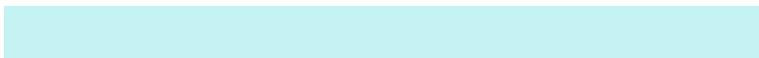
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



247, 227, 253



251, 230, 205



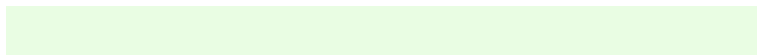
197, 242, 242

Complementary

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



247, 227, 253



233, 253, 227

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.



204, 242, 227



247, 227, 253



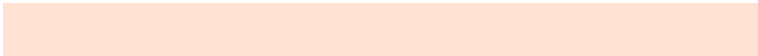
236, 235, 206

Square

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



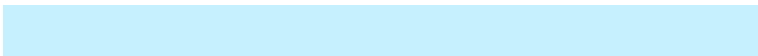
247, 227, 253



255, 226, 212



219, 239, 214



199, 240, 255

Rectangle

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



247, 227, 253



255, 224, 230



219, 239, 214



198, 242, 237

Sweetspot

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



247, 227, 253



253, 247, 255



227, 233, 253



126, 122, 128



0, 0, 0



128, 128, 128

Same Dimension

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



247, 227, 253



248, 224, 255



253, 227, 246



125, 115, 128



147, 0, 191



49, 0, 64

Inverse Universe

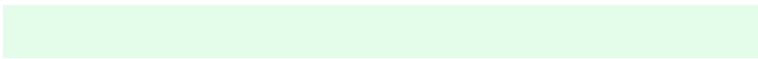
The Inverse Universe completely reimagines the original color for something new.



253, 227, 233



255, 224, 231



227, 253, 234



128, 115, 118



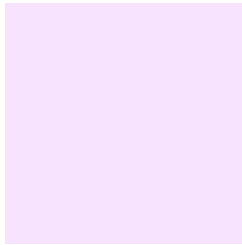
191, 0, 44



64, 0, 15

Previews

White Background



This preview shows how the RGB color 247, 227, 253 looks on a white background.

Color Contrast Check

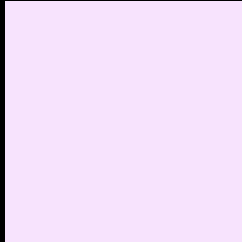
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 247, 227, 253 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

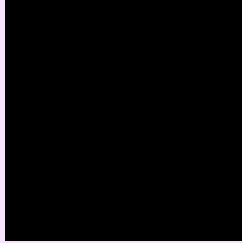
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

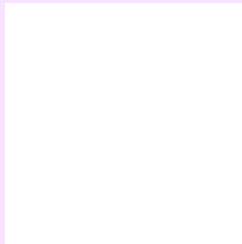
Any Text WCAG AAA ✓ Pass

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

RGB 247, 227, 253 Background



This preview shows how black text looks on a background with the RGB color 247, 227, 253.

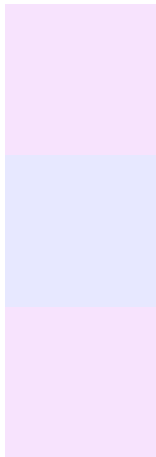


This preview shows how white text looks on a background with the RGB color 247, 227, 253.

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
247, 227, 253

Protanopia
231, 232, 255

Deuteranopia
247, 227, 253



Tritanopia

246, 228, 246

Trichromacy



Original Color

247, 227, 253

Protanomaly

237, 230, 254

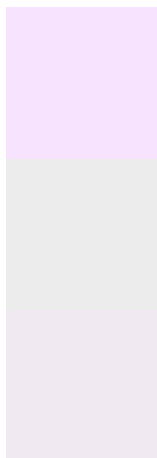
Deuteranomaly

247, 227, 253

Tritanomaly

246, 228, 249

Monochromacy



Original Color

247, 227, 253

Achromatopsia

236, 236, 236

Achromatomaly

240, 233, 242

CSS Examples

Text

The CSS property to change the color of the text to RGB 247, 227, 253 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(247, 227, 253)` looks like.

```
.text, #text, p{  
    color:rgb(247, 227, 253)  
}
```

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(247, 227, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 227, 253) }
```

Border

The CSS property to change the border of an element to RGB 247, 227, 253 is called "border". The border property can be set on classes, ids or directly on the HTML element.

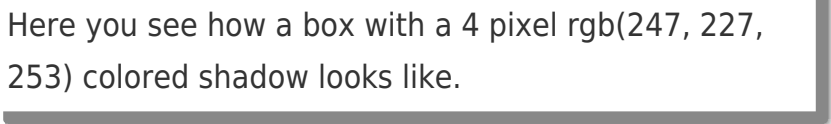
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(247, 227, 253) }
```

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

```
.border{ border-color:rgb(247, 227, 253) }
```

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



Here you see how a box with a 4 pixel `rgb(247, 227, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(247, 227, 253); -webkit-box-shadow:4px 4px 4px 4px rgb(247, 227, 253); box-shadow:4px 4px 4px 4px rgb(247, 227, 253) }
```

Background

The CSS property to change the background color of an element to RGB 247, 227, 253 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 227, 253) }
```

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

```
.background{ background-color: rgb(247,  
227, 253) }
```

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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