Converting Colors

RGB(247, 227, 255)

Have a look what the booklet for RGB(247, 227, 255) contains.

Color

RGB(247, 227, 255)

Conversions

Conversions Part 1

Format	Color
Hex	F7E3FF
RGB	247, 227, 255
RGB Percent	97%, 89%, 100%
CMY	0.0314, 0.1098, 0.0000
CMYK	0.03, 0.11, 0.00, 0.00
HSL	283°, 100%, 95%
HSV	283°, 11%, 100%
XYZ	83.8769, 81.9323, 106.0015
YIQ	236.1720, 2.9320, 12.9480

Conversions

Conversions Part 2

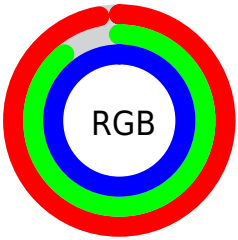
Format	Color
RYB	247, 227, 255
Decimal	16245759
CIELab	92.54, 11.72, -11.07
CIELCh	93, 16.127, 316.637
Yxy	81.9323, 0.3086, 0.3014
Android (android.graphics.Color)	4294435839 (0xFFF7E3FF)
YUV	236.1720, 9.2822, 9.4962
Hunter-Lab	90.5165, 7.0027, -6.0714

Details

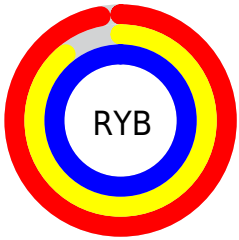
The RGB color 247, 227, 255 is a light color, and the websafe version is hex CCCCFF. A complement of this color would be 235, 255, 227, and the grayscale version is 236, 236, 236.

A 20% lighter version of the original color is 255, 255, 255, and 191, 172, 198 is the 20% darker color. If you saturate the color by 10%, you get 240, 202, 255, and if you desaturate by 10%, it is 254, 252, 255.

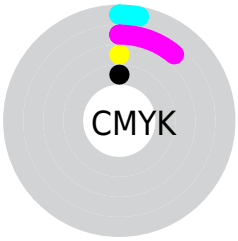
Distribution



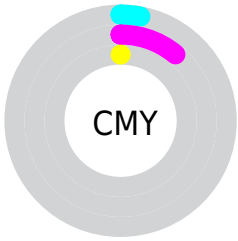
- Red (97%)
- Green (89%)
- Blue (100%)



- Red (97%)
- Yellow (89%)
- Blue (100%)



- Cyan (3%)
- Magenta (11%)
- Yellow (0%)
- Black (0%)



- Cyan (3%)
- Magenta (11%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the RGB color 247, 227, 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 RGB color 247, 227, 255 by changing the saturation by 10% instead.

247, 227, 255

255, 255, 255

247, 227, 255

218, 199, 226

191, 172, 198

163, 145, 171

137, 119, 144

112, 95, 119

87, 71, 94

64, 48, 70

41, 27, 48

22, 1, 27

247, 227, 255

240, 202, 255

232, 176, 255

225, 150, 255

218, 125, 255

211, 99, 255

203, 74, 255

196, 49, 255

189, 23, 255

182, 0, 255

247, 227, 255

254, 252, 255

255, 255, 255

Harmonies

Analogous

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

228, 232, 255

247, 227, 255

255, 224, 241

Triad

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

247, 227, 255

253, 230, 204

195, 243, 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, 255

235, 255, 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.

203, 242, 226

247, 227, 255

237, 235, 204

Square

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

247, 227, 255

255, 226, 212

219, 240, 212

197, 241, 255

Rectangle

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

247, 227, 255

255, 223, 231

219, 240, 212

197, 243, 237

Sweetspot

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

247, 227, 255

253, 247, 255

227, 235, 255

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, 255

246, 222, 255

255, 227, 249

124, 115, 128

137, 0, 191

46, 0, 64

Inverse Universe

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

255, 227, 235

255, 222, 231

227, 255, 233

128, 115, 118

191, 0, 55

64, 0, 18

Previews

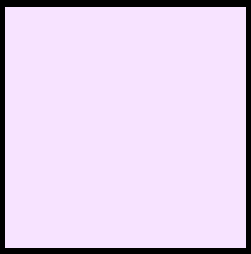
White Background

This preview shows how the RGB color 247, 227, 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



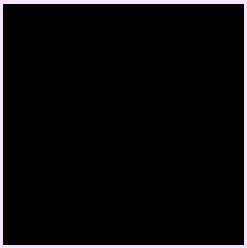
This preview shows how the RGB color 247, 227, 255 looks on a black background.

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.

RGB 247, 227, 255 Background



This preview shows how black text looks on a background with the RGB color 247, 227, 255.

This preview shows how white text looks on a background with the RGB color 247, 227, 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
247, 227, 255

Protanopia
231, 232, 255

Deuteranopia
247, 227, 255

Tritanopia
246, 228, 246

Trichromacy

Original Color
247, 227, 255

Protanomaly
237, 230, 255

Deuteranomaly
247, 227, 255

Tritanomaly
246, 228, 249

Monochromacy

Original Color
247, 227, 255

Achromatopsia
236, 236, 236

Achromatomaly
240, 233, 243

CSS Examples

Text

The CSS property to change the color of the text to RGB 247, 227, 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(247, 227, 255) looks like.

```
.text, #text, p{
    color:rgb(247, 227, 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(247, 227, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 227, 255) }
```

Border

The CSS property to change the border of an element to RGB 247, 227, 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(247, 227, 255) }
```

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

```
.border{ border-color:rgb(247, 227, 255) }
```

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, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(247, 227, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(247, 227, 255); box-shadow:4px 4px 4px 4px rgb(247, 227, 255) }
```

Background

The CSS property to change the background color of an element to RGB 247, 227, 255 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, 255) }
```

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

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

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