

Converting Colors

`RYB(254, 227, 255)`

Have a look what the booklet for
RYB(254, 227, 255) contains.

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Color

R_YB(254, 227, 255)

Conversions

Conversions Part 1

Format	Color
Hex	FEE3FF
RGB	254, 227, 255
RGB Percent	100%, 89%, 100%
CMY	0.0039, 0.1098, 0.0000
CMYK	0.00, 0.11, 0.00, 0.00
HSL	298°, 100%, 95%
HSV	298°, 11%, 100%
XYZ	86.3921, 83.2290, 106.1192
YIQ	238.2650, 7.1040, 14.4320

Conversions

Conversions Part 2

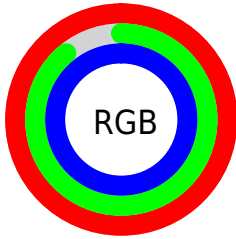
Format	Color
R_{YB}	254, 227, 255
Decimal	16704511
CIE _{Lab}	93.11, 14.02, -10.16
CIE _{LCh}	93, 17.314, 324.051
Yxy	83.2290, 0.3133, 0.3018
Android (android.graphics.Color)	4294894591 (0xFFEE3FF)
YUV	238.2650, 8.2504, 13.7996
Hunter-Lab	91.2299, 9.3820, -5.1055

Details

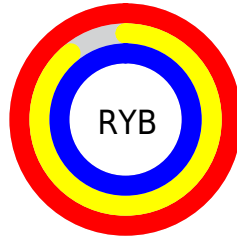
The RYB color **254, 227, 255** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **227, 255, 254**, and the grayscale version is **238, 238, 238**.

A 20% lighter version of the original color is **255, 255, 255**, and **197, 172, 198** is the 20% darker color. If you saturate the color by 10%, you get **253, 202, 255**, and if you desaturate by 10%, it is **255, 252, 255**.

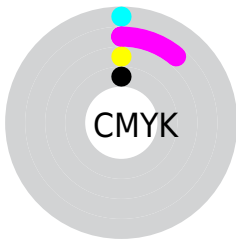
Distribution



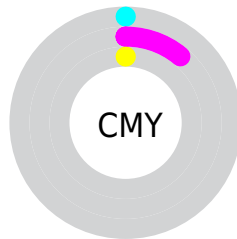
- Red (100%)
- Green (89%)
- Blue (100%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the RYB color 254, 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 RYB color 254, 227, 255 by changing the saturation by 10% instead.


 254, 227, 255

255, 255, 255

 254, 227, 255


 225, 199, 226

 197, 172, 198

 170, 145, 171

 143, 119, 144

 118, 94, 119

 93, 71, 94

 69, 48, 70

 46, 27, 48


 27, 1, 27

 254, 227, 255


 254, 227, 255


 253, 202, 255

 255, 252, 255


 252, 176, 255


255, 255, 255


 251, 150, 255

 250, 125, 255

 249, 99, 255

 249, 74, 255

 248, 49, 255

 247, 23, 255

 246, 0, 255

Harmonies

Analogous

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



234, 232, 255



254, 227, 255



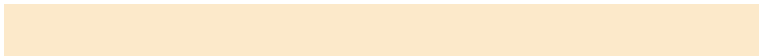
255, 224, 239

Triad

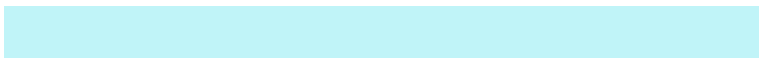
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



254, 227, 255



233, 252, 202



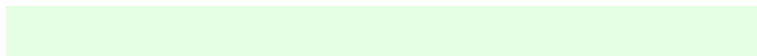
192, 219, 248

Complementary

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



254, 227, 255



227, 255, 254

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.



199, 226, 245



254, 227, 255



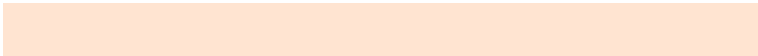
205, 238, 209

Square

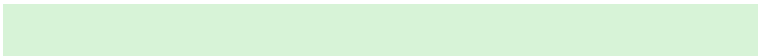
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



254, 227, 255



255, 241, 209



215, 243, 243



197, 222, 255

Rectangle

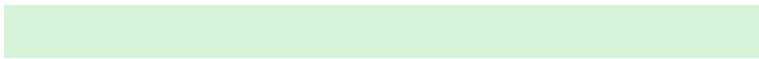
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



254, 227, 255



255, 224, 228



215, 243, 243



193, 220, 245

Sweetspot

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



254, 227, 255



255, 247, 255



227, 228, 255



127, 122, 128



0, 0, 0



128, 128, 128

Same Dimension

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



254, 227, 255



254, 222, 255



255, 227, 242



127, 115, 128



184, 0, 191



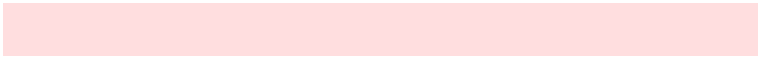
61, 0, 64

Inverse Universe

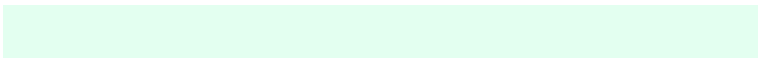
The Inverse Universe completely reimagines the original color for something new.



255, 227, 228



255, 222, 223



227, 246, 255



128, 115, 115



191, 0, 7



64, 0, 2

Previews

White Background



This preview shows how the RYB color 254, 227, 255 looks on a white background.

Color Contrast Check

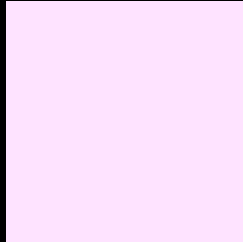
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RYB color 254, 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

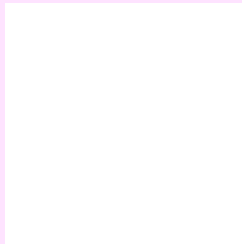
Any Text WCAG AAA ✓ Pass

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

RYB 254, 227, 255 Background



This preview shows how black text looks on a background with the RYB color 254, 227, 255.

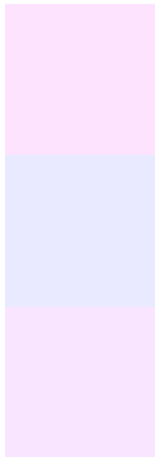


This preview shows how white text looks on a background with the RYB color 254, 227, 255.

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
254, 227, 255

Protanopia
233, 234, 255

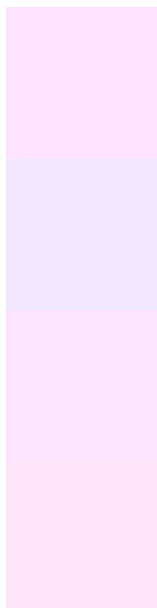
Deuteranopia
249, 229, 255



Tritanopia

253, 228, 246

Trichromacy



Original Color

254, 227, 255

Protanomaly

241, 231, 255

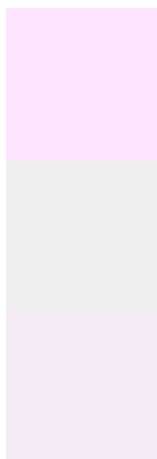
Deuteranomaly

251, 228, 255

Tritanomaly

253, 228, 249

Monochromacy



Original Color

254, 227, 255

Achromatopsia

238, 238, 238

Achromatomaly

244, 234, 244

CSS Examples

Text

The CSS property to change the color of the text to RYB 254, 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(254, 227, 255) looks like.

```
.text, #text, p{  
    color:rgb(254, 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(254, 227, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 227, 255) }
```

Border

The CSS property to change the border of an element to RYB 254, 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(254, 227, 255) }
```

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

```
.border{ border-color:rgb(254, 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(254, 227, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 227, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 227, 255);  
box-shadow:4px 4px 4px 4px rgb(254, 227,  
255) }
```

Background

The CSS property to change the background color of an element to RYB 254, 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(254, 227, 255) }
```

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

```
.background{ background-color: rgb(254,  
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](#).

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