

Converting Colors

`RYB(252, 227, 252)`

Have a look what the booklet for
RYB(252, 227, 252) contains.

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Color

`RYB(252, 227, 252)`

Conversions

Conversions Part 1

Format	Color
Hex	FCE3FC
RGB	252, 227, 252
RGB Percent	99%, 89%, 99%
CMY	0.0118, 0.1098, 0.0118
CMYK	0.00, 0.10, 0.00, 0.01
HSL	300°, 81%, 94%
HSV	300°, 10%, 99%
XYZ	85.1847, 82.6619, 103.5611
YIQ	237.3250, 6.8750, 13.0750

Conversions

Conversions Part 2

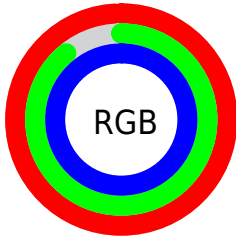
Format	Color
R _Y B	252, 227, 252
Decimal	16573436
CIE Lab	92.87, 12.82, -8.99
CIE LCh	93, 15.656, 324.970
Yxy	82.6619, 0.3139, 0.3046
Android (android.graphics.Color)	4294763516 (0xFFFC E3FC)
YUV	237.3250, 7.2348, 12.8700
Hunter-Lab	90.9186, 8.1351, -3.8914

Details

The RYB color **252, 227, 252** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **227, 252, 252**, and the grayscale version is **237, 237, 237**.

A 20% lighter version of the original color is 255, 255, 255, and **195, 172, 195** is the 20% darker color. If you saturate the color by 10%, you get **252, 202, 252**, and if you desaturate by 10%, it is 252, 252, 252.

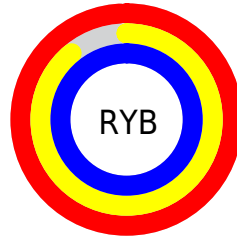
Distribution



Red (99%)

Green (89%)

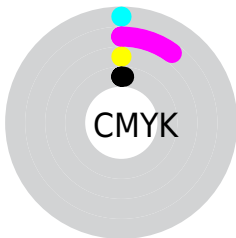
Blue (99%)



Red (99%)

Yellow (89%)

Blue (99%)

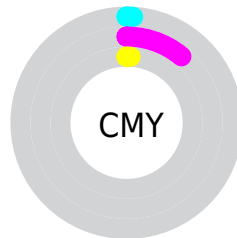


Cyan (0%)

Magenta (10%)

Yellow (0%)

Black (1%)



Cyan (1%)

Magenta (11%)

Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the RYB color 252, 227, 252 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 252, 227, 252 by changing the saturation by 10% instead.


 252, 227, 252


255, 255, 255


 252, 227, 252


 223, 199, 223

 195, 172, 195

 168, 145, 168

 142, 119, 142

 116, 95, 116

 91, 71, 92


 67, 48, 68

 45, 27, 46


 26, 1, 25

 252, 227, 252


 252, 227, 252


 252, 202, 252


 252, 252, 252

 252, 177, 252

 252, 255, 255


 252, 151, 252

 252, 126, 252

 252, 101, 252

 252, 76, 252

 252, 51, 252

 252, 25, 252

 252, 0, 252

Harmonies

Analogous

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



234, 232, 255



252, 227, 252



255, 224, 238

Triad

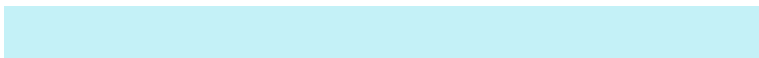
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



252, 227, 252



232, 250, 205



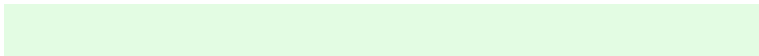
196, 220, 247

Complementary

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



252, 227, 252



227, 252, 252

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.



202, 226, 243



252, 227, 252



207, 237, 211

Square

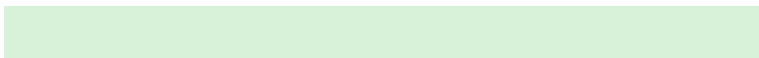
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



252, 227, 252



255, 240, 210



216, 240, 241



201, 224, 255

Rectangle

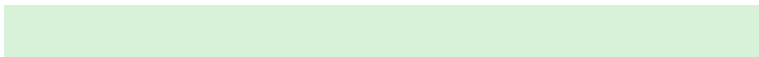
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



252, 227, 252



255, 224, 227



216, 240, 241



197, 220, 243

Sweetspot

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



252, 227, 252



255, 247, 255



227, 227, 252



128, 122, 128



0, 0, 0



128, 128, 128

Same Dimension

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



252, 227, 252



255, 224, 255



252, 227, 240



125, 112, 125



189, 0, 189



61, 0, 61

Inverse Universe

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



252, 227, 252



255, 224, 255



227, 243, 252



125, 112, 125



189, 0, 189



61, 0, 61

Previews

White Background



This preview shows how the RYB color 252, 227, 252 looks on a white background.

Color Contrast Check

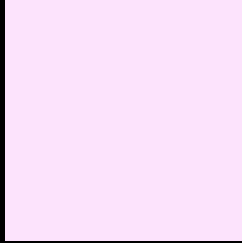
Large Text (above 18pt) WCAG AA × Fail

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 252, 227, 252 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

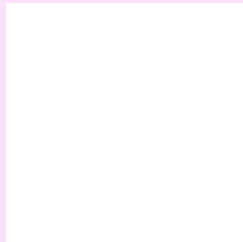
Any Text WCAG AAA ✓ Pass

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

RYB 252, 227, 252 Background



This preview shows how black text looks on a background with the RYB color 252, 227, 252.



This preview shows how white text looks on a background with the RYB color 252, 227, 252.

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
252, 227, 252

Protanopia
233, 233, 255

Deuteranopia
250, 228, 252



Tritanopia

251, 228, 246

Trichromacy



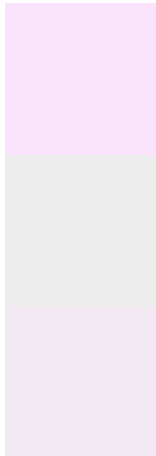
Original Color
252, 227, 252

Protanomaly
240, 231, 254

Deuteranomaly
251, 228, 252

Tritanomaly
251, 228, 248

Monochromacy



Original Color
252, 227, 252

Achromatopsia
237, 237, 237

Achromatomaly
242, 233, 242

CSS Examples

Text

The CSS property to change the color of the text to RYB 252, 227, 252 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(252, 227, 252)` looks like.

```
.text, #text, p{  
    color:rgb(252, 227, 252)  
}
```

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(252, 227, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 227, 252) }
```

Border

The CSS property to change the border of an element to RYB 252, 227, 252 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(252, 227, 252) }
```

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

```
.border{ border-color:rgb(252, 227, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 227, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 227, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 227, 252);  
box-shadow:4px 4px 4px 4px rgb(252, 227,  
252) }
```

Background

The CSS property to change the background color of an element to RYB 252, 227, 252 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 227, 252) }
```

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

```
.background{ background-color: rgb(252,  
227, 252) }
```

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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