

Converting Colors

`RYB(252, 224, 254)`

Have a look what the booklet for
RYB(252, 224, 254) contains.

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Color

R_YB(252, 224, 254)

Conversions

Conversions Part 1

Format	Color
Hex	FCE0FE
RGB	252, 224, 254
RGB Percent	99%, 88%, 100%
CMY	0.0118, 0.1216, 0.0039
CMYK	0.01, 0.12, 0.00, 0.00
HSL	296°, 94%, 94%
HSV	296°, 12%, 100%
XYZ	84.6899, 81.1625, 104.9682
YIQ	235.7920, 7.0580, 15.2660

Conversions

Conversions Part 2

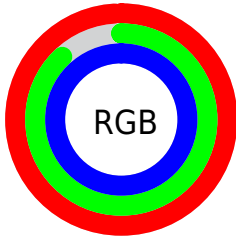
Format	Color
R _Y B	252, 224, 254
Decimal	16572670
CIE Lab	92.20, 14.74, -11.02
CIE LCh	92, 18.401, 323.228
Yxy	81.1625, 0.3127, 0.2997
Android (android.graphics.Color)	4294762750 (0xFFFC0FE)
YUV	235.7920, 8.9765, 14.2144
Hunter-Lab	90.0902, 10.1422, -6.0183

Details

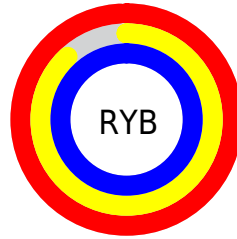
The RYB color `252, 224, 254` is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be `224, 254, 252`, and the grayscale version is `236, 236, 236`.

A 20% lighter version of the original color is `255, 255, 255`, and `195, 169, 197` is the 20% darker color. If you saturate the color by 10%, you get `250, 199, 254`, and if you desaturate by 10%, it is `254, 249, 254`.

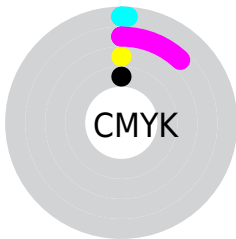
Distribution



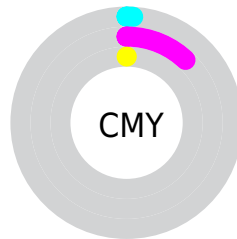
- Red (99%)
- Green (88%)
- Blue (100%)



- Red (99%)
- Yellow (88%)
- Blue (100%)



- Cyan (1%)
- Magenta (12%)
- Yellow (0%)
- Black (0%)



- Cyan (1%)
- Magenta (12%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the RYB color 252, 224, 254 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, 224, 254 by changing the saturation by 10% instead.

 252, 224, 254


255, 255, 255

 252, 224, 254


 223, 196, 225

 195, 169, 197

 168, 142, 170

 141, 117, 144

 116, 92, 118

 91, 68, 93

 67, 46, 70

 45, 25, 47

 26, 0, 27

■ 252, 224, 254

■ 252, 224, 254

■ 250, 199, 254

■ 254, 249, 254

■ 249, 173, 254

254, 255, 254

■ 247, 148, 254

■ 245, 122, 254

■ 244, 97, 254

■ 242, 72, 254

■ 240, 46, 254

■ 238, 21, 254

■ 237, 0, 254

Harmonies

Analogous

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



231, 229, 255



252, 224, 254



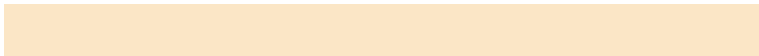
255, 221, 237

Triad

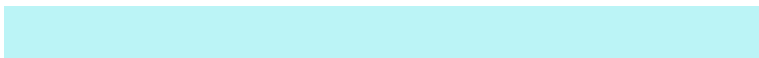
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



252, 224, 254



233, 251, 198



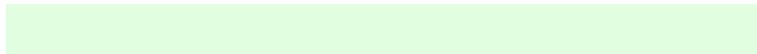
187, 216, 246

Complementary

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



252, 224, 254



224, 254, 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.



195, 223, 243



252, 224, 254



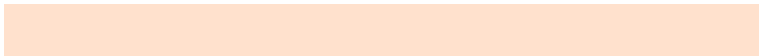
200, 236, 204

Square

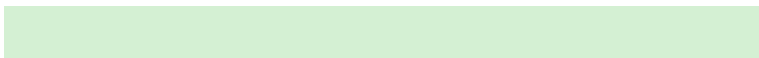
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



252, 224, 254



255, 238, 205



211, 240, 239



192, 219, 255

Rectangle

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



252, 224, 254



255, 221, 225



211, 240, 239



188, 216, 243

Sweetspot

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



252, 224, 254



254, 245, 255



224, 226, 254



127, 121, 128



0, 0, 0



128, 128, 128

Same Dimension

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



252, 224, 254



253, 219, 255



254, 224, 241



127, 115, 128



179, 0, 191



60, 0, 64

Inverse Universe

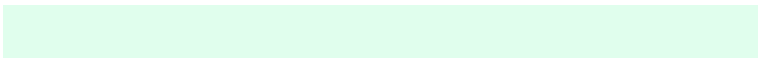
The Inverse Universe completely reimagines the original color for something new.



254, 224, 226



255, 219, 222



224, 245, 254



128, 115, 116



191, 0, 13



64, 0, 4

Previews

White Background



This preview shows how the RYB color 252, 224, 254 looks on a white background.

Color Contrast Check

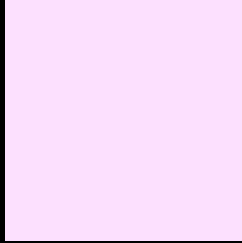
Large Text (above 18pt) WCAG AA × Fail

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, 224, 254 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

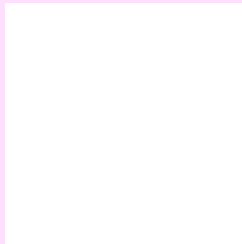
Any Text WCAG AAA ✓ Pass

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

RYP 252, 224, 254 Background



This preview shows how black text looks on a background with the RYB color 252, 224, 254.

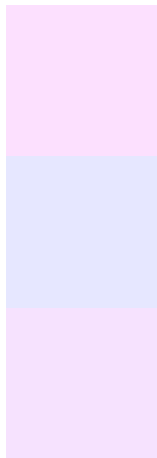


This preview shows how white text looks on a background with the RYB color 252, 224, 254.

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, 224, 254

Protanopia
230, 231, 255

Deuteranopia
246, 226, 254



Tritanopia

250, 226, 243

Trichromacy



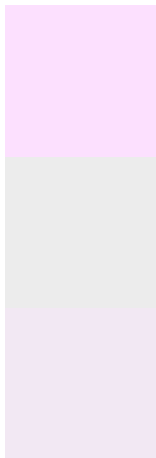
Original Color
252, 224, 254

Protanomaly
238, 228, 255

Deuteranomaly
248, 225, 254

Tritanomaly
251, 225, 247

Monochromacy



Original Color
252, 224, 254

Achromatopsia
236, 236, 236

Achromatomaly
242, 232, 243

CSS Examples

Text

The CSS property to change the color of the text to RYB 252, 224, 254 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, 224, 254) looks like.

```
.text, #text, p{  
    color:rgb(252, 224, 254)  
}
```

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, 224, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 224, 254) }
```

Border

The CSS property to change the border of an element to RYB 252, 224, 254 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, 224, 254) }
```

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

```
.border{ border-color:rgb(252, 224, 254) }
```

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

Here you see how a box with a 4 pixel rgb(252, 224, 254) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 224, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 224, 254);  
box-shadow:4px 4px 4px 4px rgb(252, 224,  
254) }
```

Background

The CSS property to change the background color of an element to RYB 252, 224, 254 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 224, 254) }
```

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

```
.background{ background-color: rgb(252,  
224, 254) }
```

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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