

Converting Colors

`RYB(255, 224, 251)`

Have a look what the booklet for
RYB(255, 224, 251) contains.

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Color

R_YB(255, 224, 251)

Conversions

Conversions Part 1

Format	Color
Hex	FFE0FB
RGB	255, 224, 251
RGB Percent	100%, 88%, 98%
CMY	0.0000, 0.1216, 0.0157
CMYK	0.00, 0.12, 0.02, 0.00
HSL	308°, 100%, 94%
HSV	308°, 12%, 100%
XYZ	85.3082, 81.5363, 102.5086
YIQ	236.3470, 9.8090, 14.9690

Conversions

Conversions Part 2

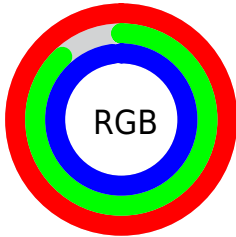
Format	Color
RYB	255, 224, 251
Decimal	16769275
CIELab	92.37, 15.19, -9.17
CIELCh	92, 17.748, 328.875
Yxy	81.5363, 0.3167, 0.3027
Android (android.graphics.Color)	4294959355 (0xFFFFE0FB)
YUV	236.3470, 7.2239, 16.3587
Hunter-Lab	90.2975, 10.6167, -4.0997

Details

The RYB color **255, 224, 251** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **224, 251, 255**, and the grayscale version is **236, 236, 236**.

A 20% lighter version of the original color is **255, 255, 255**, and **198, 169, 194** is the 20% darker color. If you saturate the color by 10%, you get **255, 199, 248**, and if you desaturate by 10%, it is **255, 250, 254**.

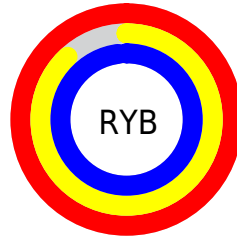
Distribution



Red (100%)

Green (88%)

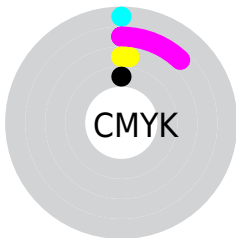
Blue (98%)



Red (100%)

Yellow (88%)

Blue (98%)

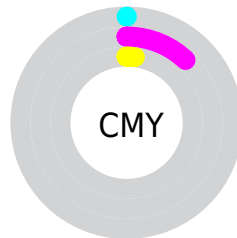


Cyan (0%)

Magenta (12%)

Yellow (2%)

Black (0%)



Cyan (0%)

Magenta (12%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the RYB color 255, 224, 251 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 255, 224, 251 by changing the saturation by 10% instead.


 255, 224, 251

 255, 224, 251

255, 255, 255

 226, 196, 222

 198, 169, 194

 171, 142, 167

 144, 117, 141

 118, 92, 115

 93, 68, 91


 70, 46, 67

 47, 24, 45

 28, 0, 25

 255, 224, 251

 255, 224, 251

 255, 199, 248

 255, 250, 254


 255, 173, 244

255, 255, 255


 255, 147, 241

 255, 122, 238

 255, 97, 235

 255, 71, 231

 255, 46, 228

 255, 20, 225

 255, 0, 222

Harmonies

Analogous

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



236, 229, 255



255, 224, 251



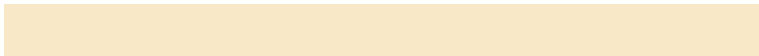
255, 222, 234

Triad

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



255, 224, 251



223, 248, 199



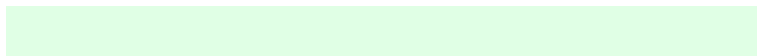
189, 217, 249

Complementary

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



255, 224, 251



224, 251, 255

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.



194, 222, 243



255, 224, 251



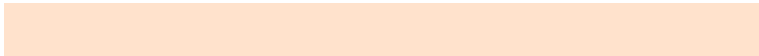
203, 237, 211

Square

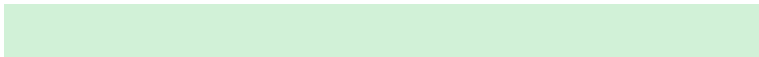
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



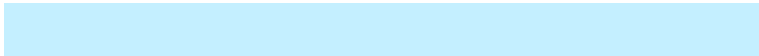
255, 224, 251



255, 243, 204



209, 236, 241



196, 221, 255

Rectangle

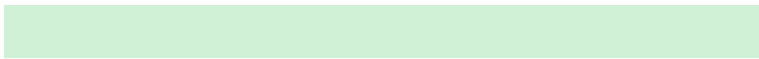
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



255, 224, 251



255, 222, 223



209, 236, 241



190, 217, 243

Sweetspot

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



255, 224, 251



255, 245, 254



228, 224, 255



128, 121, 127



0, 0, 0



128, 128, 128

Same Dimension

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



255, 224, 251



255, 217, 250



255, 224, 236



128, 115, 126



191, 0, 167



64, 0, 56

Inverse Universe

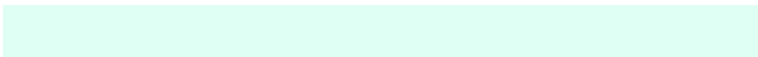
The Inverse Universe completely reimagines the original color for something new.



255, 224, 251



255, 217, 250



224, 243, 255



128, 115, 126



191, 0, 167



64, 0, 56

Previews

White Background



This preview shows how the RYB color 255, 224, 251 looks on a white background.

Color Contrast Check

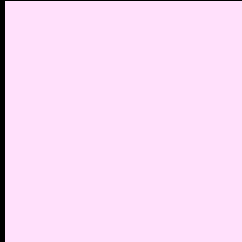
Large Text (above 18pt) WCAG AA × Fail

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 255, 224, 251 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 255, 224, 251 Background



This preview shows how black text looks on a background with the RYP color 255, 224, 251.

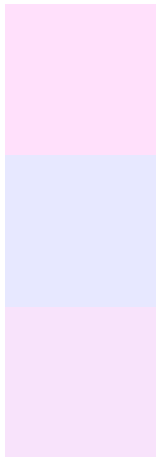


This preview shows how white text looks on a background with the RYP color 255, 224, 251.

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
255, 224, 251

Protanopia
231, 232, 255

Deuteranopia
248, 227, 251



Tritanopia

254, 225, 243

Trichromacy



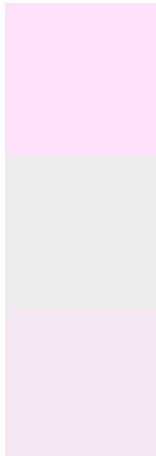
Original Color
255, 224, 251

Protanomaly
240, 229, 254

Deuteranomaly
251, 226, 251

Tritanomaly
254, 225, 246

Monochromacy



Original Color
255, 224, 251

Achromatopsia
236, 236, 236

Achromatomaly
243, 232, 241

CSS Examples

Text

The CSS property to change the color of the text to RYB 255, 224, 251 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(255, 224, 251) looks like.

```
.text, #text, p{  
    color:rgb(255, 224, 251)  
}
```

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(255, 224, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 224, 251) }
```

Border

The CSS property to change the border of an element to RYB 255, 224, 251 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(255, 224, 251) }
```

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

```
.border{ border-color:rgb(255, 224, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 224, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 224, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 224, 251);  
box-shadow:4px 4px 4px 4px rgb(255, 224,  
251) }
```

Background

The CSS property to change the background color of an element to RYB 255, 224, 251 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 224, 251) }
```

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

```
.background{ background-color: rgb(255,  
224, 251) }
```

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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