

Converting Colors

`RYB(255, 221, 238)`

Have a look what the booklet for
RYB(255, 221, 238) contains.

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Color

R_YB(255, 221, 238)

Conversions

Conversions Part 1

Format	Color
Hex	FFDDEE
RGB	255, 221, 238
RGB Percent	100%, 87%, 93%
CMY	0.0000, 0.1333, 0.0667
CMYK	0.00, 0.13, 0.07, 0.00
HSL	330°, 100%, 93%
HSV	330°, 13%, 100%
XYZ	82.5291, 79.1459, 91.8159
YIQ	233.1040, 14.8070, 12.4950

Conversions

Conversions Part 2

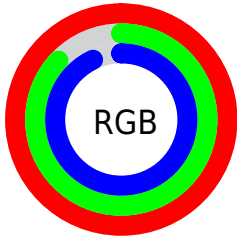
Format	Color
R _Y B	255, 221, 238
Decimal	16768494
CIE Lab	91.30, 14.51, -3.95
CIE LCh	91, 15.036, 344.767
Yxy	79.1459, 0.3256, 0.3122
Android (android.graphics.Color)	4294958574 (0xFFFFDDEE)
YUV	233.1040, 2.4137, 19.2028
Hunter-Lab	88.9640, 9.9017, 1.0842

Details

The RYB color **255, 221, 238** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **221, 244, 255**, and the grayscale version is **233, 233, 233**.

A 20% lighter version of the original color is **255, 255, 255**, and **198, 166, 182** is the 20% darker color. If you saturate the color by 10%, you get **255, 196, 225**, and if you desaturate by 10%, it is **255, 247, 251**.

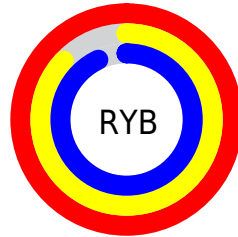
Distribution



Red (100%)

Green (87%)

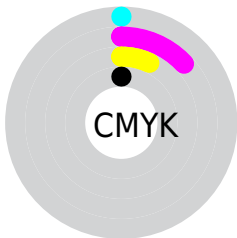
Blue (93%)



Red (100%)

Yellow (87%)

Blue (93%)

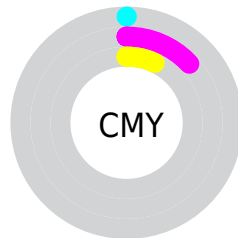


Cyan (0%)

Magenta (13%)

Yellow (7%)

Black (0%)



Cyan (0%)

Magenta (13%)

Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the RYB color 255, 221, 238 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, 221, 238 by changing the saturation by 10% instead.


 255, 221, 238

255, 255, 255

 255, 221, 238


 226, 193, 210

 198, 166, 182

 171, 139, 155

 144, 114, 129

 118, 89, 104

 93, 66, 80


 69, 43, 57

 46, 22, 36

 28, 0, 14

 255, 221, 238

 255, 221, 238

 255, 196, 225

 255, 247, 251

 255, 170, 213

255, 255, 255


 255, 145, 200

 255, 119, 187

 255, 94, 174

 255, 68, 162

 255, 43, 149

 255, 17, 136

 255, 0, 128

Harmonies

Analogous

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



242, 224, 251



255, 221, 238



255, 220, 223

Triad

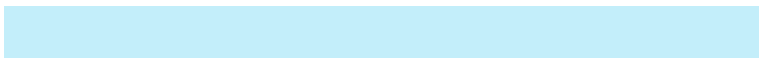
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



255, 221, 238



205, 234, 202



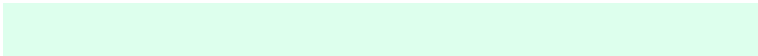
195, 219, 250

Complementary

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



255, 221, 238



221, 244, 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, 217, 239



255, 221, 238



209, 235, 226

Square

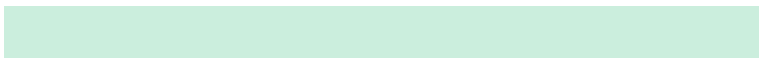
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



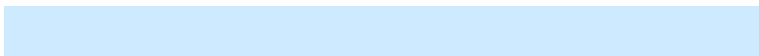
255, 221, 238



245, 249, 203



203, 226, 238



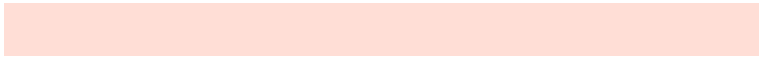
206, 224, 255

Rectangle

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



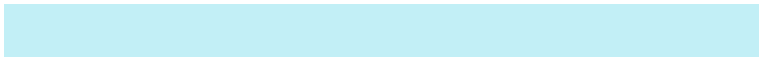
255, 221, 238



255, 224, 214



203, 226, 238



194, 218, 246

Sweetspot

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



255, 221, 238



255, 245, 250



238, 221, 255



128, 121, 124



0, 0, 0



128, 128, 128

Same Dimension

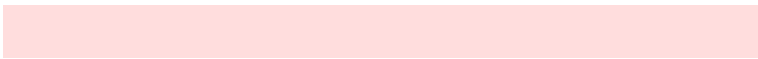
The Same Dimension uses a secret algorithm to generate beautiful new colors.



255, 221, 238



255, 214, 235



255, 221, 221



128, 115, 121



191, 0, 96



64, 0, 32

Inverse Universe

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



255, 221, 238



255, 214, 235



221, 238, 255



128, 115, 121



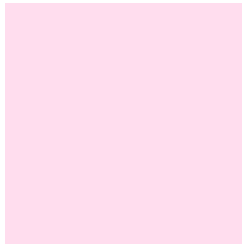
191, 0, 96



64, 0, 32

Previews

White Background



This preview shows how the RYB color 255, 221, 238 looks on a white background.

Color Contrast Check

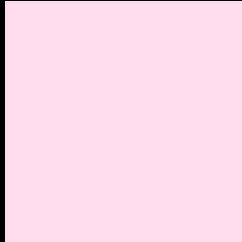
Large Text (above 18pt) WCAG AA × Fail

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, 221, 238 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 255, 221, 238 Background



This preview shows how black text looks on a background with the RYB color 255, 221, 238.



This preview shows how white text looks on a background with the RYB color 255, 221, 238.

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, 221, 238

Protanopia
231, 229, 243

Deuteranopia
249, 223, 238



Tritanopia

255, 221, 238

Trichromacy



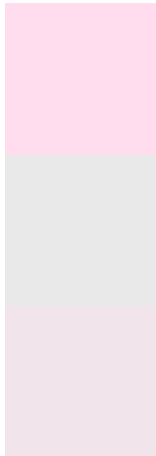
Original Color
255, 221, 238

Protanomaly
240, 226, 241

Deuteranomaly
251, 222, 238

Tritanomaly
255, 221, 238

Monochromacy



Original Color
255, 221, 238

Achromatopsia
233, 233, 233

Achromatomaly
241, 229, 235

CSS Examples

Text

The CSS property to change the color of the text to RYB 255, 221, 238 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, 221, 238) looks like.

```
.text, #text, p{  
    color:rgb(255, 221, 238)  
}
```

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, 221, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 221, 238) }
```

Border

The CSS property to change the border of an element to RYB 255, 221, 238 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, 221, 238) }
```

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

```
.border{ border-color:rgb(255, 221, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 221, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 221, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 221, 238);  
box-shadow:4px 4px 4px 4px rgb(255, 221,  
238) }
```

Background

The CSS property to change the background color of an element to RYB 255, 221, 238 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 221, 238) }
```

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

```
.background{ background-color: rgb(255,  
221, 238) }
```

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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