

Converting Colors

`RYB(255, 222, 234)`

Have a look what the booklet for
RYB(255, 222, 234) contains.

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Color

`RYB(255, 222, 234)`

Conversions

Conversions Part 1

Format	Color
Hex	FFDEEA
RGB	255, 222, 234
RGB Percent	100%, 87%, 92%
CMY	0.0000, 0.1294, 0.0824
CMYK	0.00, 0.13, 0.08, 0.00
HSL	338°, 100%, 94%
HSV	338°, 13%, 100%
XYZ	82.2126, 79.4431, 88.8429
YIQ	233.2350, 15.8160, 10.7280

Conversions

Conversions Part 2

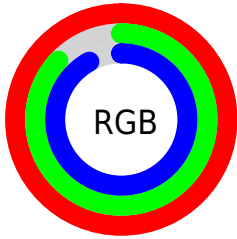
Format	Color
R_{YB}	255, 222, 234
Decimal	16768746
CIE _{Lab}	91.43, 13.32, -1.66
CIE _{LCh}	91, 13.421, 352.906
Yxy	79.4431, 0.3282, 0.3171
Android (android.graphics.Color)	4294958826 (0xFFFFDEEA)
YUV	233.2350, 0.3771, 19.0879
Hunter-Lab	89.1308, 8.6660, 3.2931

Details

The RYB color **255, 222, 234** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **222, 242, 255**, and the grayscale version is **233, 233, 233**.

A 20% lighter version of the original color is **255, 255, 255**, and **198, 167, 178** is the 20% darker color. If you saturate the color by 10%, you get **255, 197, 218**, and if you desaturate by 10%, it is **255, 248, 250**.

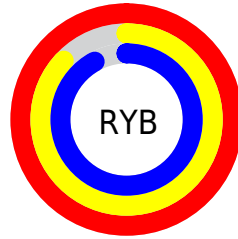
Distribution



Red (100%)

Green (87%)

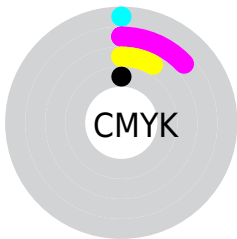
Blue (92%)



Red (100%)

Yellow (87%)

Blue (92%)

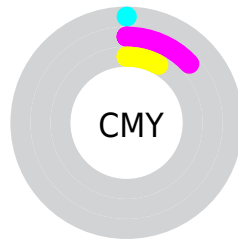


Cyan (0%)

Magenta (13%)

Yellow (8%)

Black (0%)



Cyan (0%)

Magenta (13%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the RYB color 255, 222, 234 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, 222, 234 by changing the saturation by 10% instead.


 255, 222, 234

255, 255, 255

 255, 222, 234

 226, 194, 206

 198, 167, 178

 171, 140, 152

 144, 115, 126

 118, 90, 101

 93, 67, 77

 69, 44, 54

 46, 23, 33


 28, 0, 10

 255, 222, 234


 255, 222, 234

 255, 197, 218


 255, 248, 250

 255, 171, 202

255, 255, 255


 255, 146, 185

 255, 120, 169

 255, 95, 153

 255, 69, 137

 255, 44, 120

 255, 18, 104

 255, 0, 93

Harmonies

Analogous

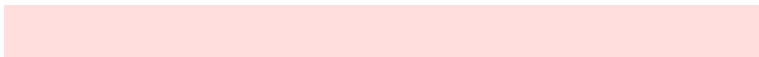
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



245, 224, 246



255, 222, 234



255, 222, 221

Triad

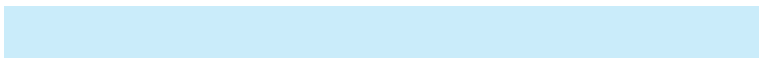
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



255, 222, 234



207, 233, 210



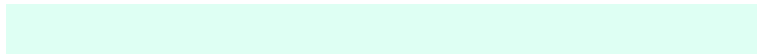
202, 222, 250

Complementary

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



255, 222, 234



222, 242, 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.



198, 218, 240



255, 222, 234



215, 236, 236

Square

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



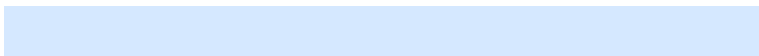
255, 222, 234



232, 244, 205



204, 224, 238



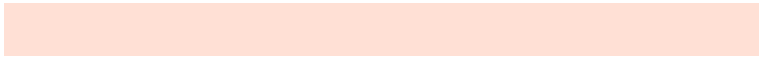
213, 226, 255

Rectangle

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



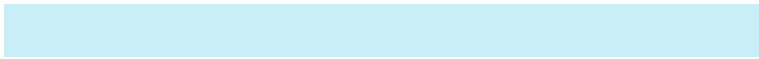
255, 222, 234



255, 228, 213



204, 224, 238



200, 221, 247

Sweetspot

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



255, 222, 234



255, 245, 249



243, 222, 255



128, 121, 123



0, 0, 0



128, 128, 128

Same Dimension

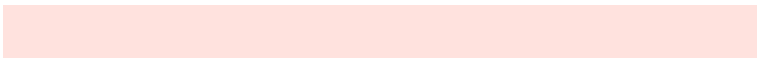
The Same Dimension uses a secret algorithm to generate beautiful new colors.



255, 222, 234



255, 214, 229



255, 227, 222



128, 115, 119



191, 0, 70



64, 0, 23

Inverse Universe

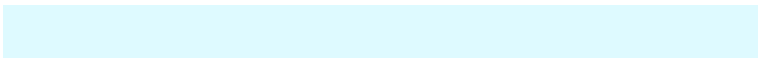
The Inverse Universe completely reimagines the original color for something new.



255, 222, 234



255, 214, 229



222, 237, 255



128, 115, 119



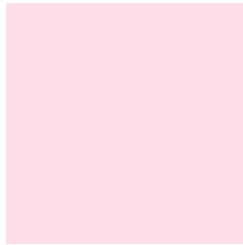
191, 0, 70



64, 0, 23

Previews

White Background



This preview shows how the RYB color 255, 222, 234 looks on a white background.

Color Contrast Check

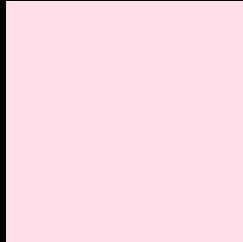
Large Text (above 18pt) WCAG AA × Fail

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, 222, 234 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

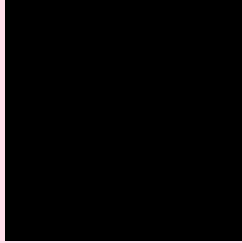
Any Text WCAG AA ✓ Pass

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, 222, 234 Background



This preview shows how black text looks on a background with the RYB color 255, 222, 234.

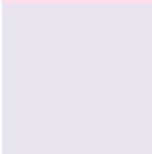



This preview shows how white text looks on a background with the RYB color 255, 222, 234.

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

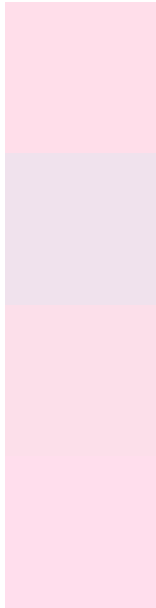
	Original Color 255, 222, 234
	Protanopia 232, 229, 238
	Deuteranopia 251, 223, 234



Tritanopia

255, 222, 238

Trichromacy



Original Color

255, 222, 234

Protanomaly

240, 226, 237

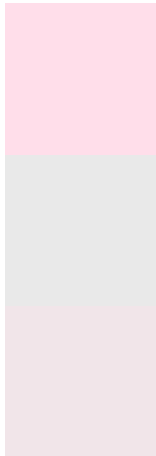
Deuteranomaly

252, 223, 234

Tritanomaly

255, 222, 237

Monochromacy



Original Color

255, 222, 234

Achromatopsia

233, 233, 233

Achromatomaly

241, 229, 233

CSS Examples

Text

The CSS property to change the color of the text to RYB 255, 222, 234 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, 222, 234) looks like.

```
.text, #text, p{  
    color:rgb(255, 222, 234)  
}
```

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, 222, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 222, 234) }
```

Border

The CSS property to change the border of an element to RYB 255, 222, 234 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, 222, 234) }
```

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

```
.border{ border-color:rgb(255, 222, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 222, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 222, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 222, 234);  
box-shadow:4px 4px 4px 4px rgb(255, 222,  
234) }
```

Background

The CSS property to change the background color of an element to RYB 255, 222, 234 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 222, 234) }
```

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

```
.background{ background-color: rgb(255,  
222, 234) }
```

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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