

Converting Colors

`RYB(252, 222, 227)`

Have a look what the booklet for
RYB(252, 222, 227) contains.

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Color

R_YB(252, 222, 227)

Conversions

Conversions Part 1

Format	Color
Hex	FCDEE3
RGB	252, 222, 227
RGB Percent	99%, 87%, 89%
CMY	0.0118, 0.1294, 0.1098
CMYK	0.00, 0.12, 0.10, 0.01
HSL	350°, 83%, 93%
HSV	350°, 12%, 99%
XYZ	80.1313, 78.4841, 83.5986
YIQ	231.5400, 16.2750, 7.9150

Conversions

Conversions Part 2

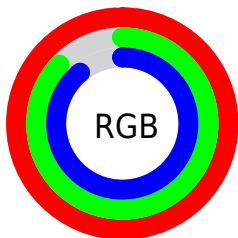
Format	Color
R_{YB}	252, 222, 227
Decimal	16572131
CIE _{Lab}	91.00, 11.14, 1.35
CIE _{LCh}	91, 11.216, 6.894
Yxy	78.4841, 0.3308, 0.3240
Android (android.graphics.Color)	4294762211 (0xFFFCDEE3)
YUV	231.5400, -2.2382, 17.9434
Hunter-Lab	88.5912, 6.4197, 6.0652

Details

The RYB color **252, 222, 227** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **222, 238, 252**, and the grayscale version is **232, 232, 232**.

A 20% lighter version of the original color is **255, 255, 255**, and **195, 167, 172** is the 20% darker color. If you saturate the color by 10%, you get **252, 197, 206**, and if you desaturate by 10%, it is **252, 247, 248**.

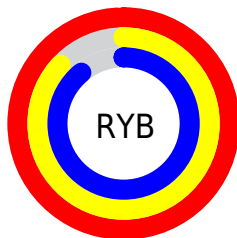
Distribution



Red (99%)

Green (87%)

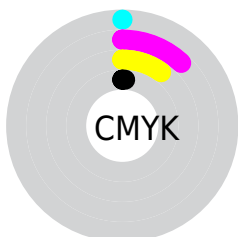
Blue (89%)



Red (99%)

Yellow (87%)

Blue (89%)

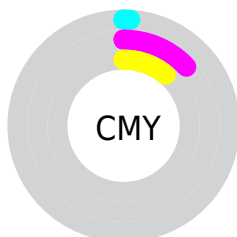


Cyan (0%)

Magenta (12%)

Yellow (10%)

Black (1%)



Cyan (1%)

Magenta (13%)

Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the RYB color 252, 222, 227 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, 222, 227 by changing the saturation by 10% instead.

 252, 222, 227


255, 255, 255

 252, 222, 227


 223, 194, 199

 195, 167, 172

 168, 140, 145

 141, 115, 120

 116, 90, 95

 91, 67, 71


 67, 44, 49

 44, 24, 28


 26, 0, 1

 252, 222, 227


 252, 222, 227


 252, 197, 206

 252, 247, 248


 252, 172, 185

 252, 254, 255

 252, 146, 164

 252, 121, 143

 252, 96, 122

 252, 71, 101

 252, 46, 80

 252, 20, 59

 252, 0, 42

Harmonies

Analogous

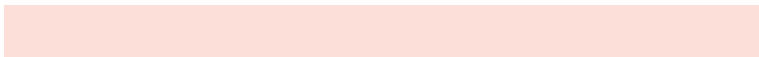
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



246, 223, 238



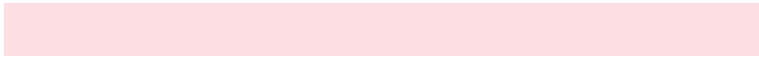
252, 222, 227



252, 224, 217

Triad

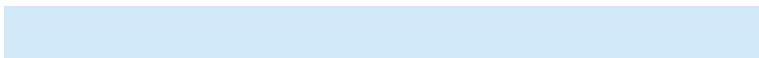
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



252, 222, 227



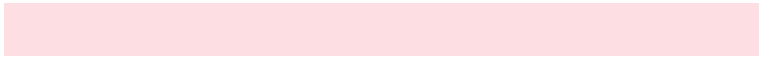
212, 233, 222



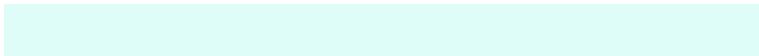
209, 224, 249

Complementary

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



252, 222, 227



222, 238, 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.



203, 221, 242



252, 222, 227



212, 229, 235

Square

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



252, 222, 227



217, 236, 208



204, 221, 236



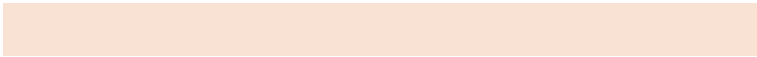
221, 227, 250

Rectangle

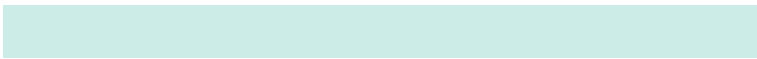
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



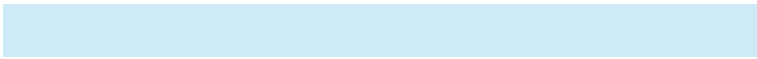
252, 222, 227



249, 232, 212



204, 221, 236



207, 223, 247

Sweetspot

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



252, 222, 227



255, 245, 246



247, 222, 252



128, 121, 122



0, 0, 0



128, 128, 128

Same Dimension

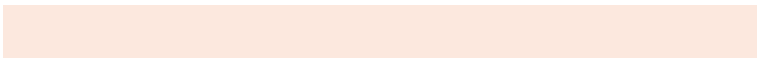
The Same Dimension uses a secret algorithm to generate beautiful new colors.



252, 222, 227



255, 219, 225



252, 237, 222



125, 112, 115



189, 0, 31



61, 0, 10

Inverse Universe

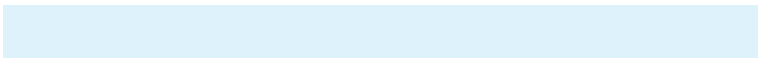
The Inverse Universe completely reimagines the original color for something new.



252, 222, 227



255, 219, 225



222, 234, 252



125, 112, 115



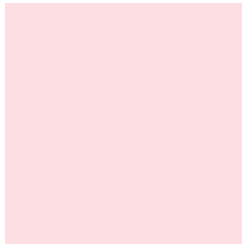
189, 0, 31



61, 0, 10

Previews

White Background



This preview shows how the RYB color 252, 222, 227 looks on a white background.

Color Contrast Check

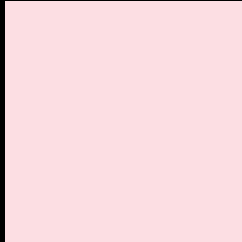
Large Text (above 18pt) WCAG AA × Fail

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, 222, 227 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

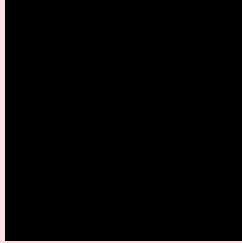
Any Text WCAG AA ✓ Pass

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, 222, 227 Background



This preview shows how black text looks on a background with the RYB color 252, 222, 227.

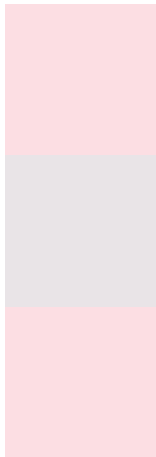


This preview shows how white text looks on a background with the RYB color 252, 222, 227.

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, 222, 227

Protanopia
233, 228, 231

Deuteranopia
252, 222, 227



Tritanopia
253, 220, 238

Trichromacy



Original Color

252, 222, 227

Protanomaly

240, 226, 230

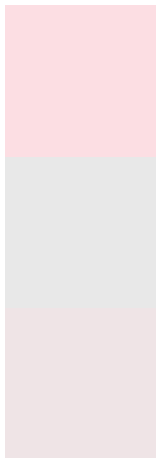
Deuteranomaly

252, 222, 227

Tritanomaly

253, 221, 234

Monochromacy



Original Color

252, 222, 227

Achromatopsia

232, 232, 232

Achromatomaly

239, 228, 230

CSS Examples

Text

The CSS property to change the color of the text to RGB 252, 222, 227 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, 222, 227) looks like.

```
.text, #text, p{  
    color:rgb(252, 222, 227)  
}
```

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, 222, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 222, 227) }
```

Border

The CSS property to change the border of an element to RYB 252, 222, 227 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, 222, 227) }
```

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

```
.border{ border-color:rgb(252, 222, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 222, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 222, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 222, 227);  
box-shadow:4px 4px 4px 4px rgb(252, 222,  
227) }
```

Background

The CSS property to change the background color of an element to RGB 252, 222, 227 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 222, 227) }
```

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

```
.background{ background-color: rgb(252,  
222, 227) }
```

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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