

Converting Colors

`RYB(252, 227, 227)`

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

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Color

R_YB(252, 227, 227)

Conversions

Conversions Part 1

Format	Color
Hex	FCE3E3
RGB	252, 227, 227
RGB Percent	99%, 89%, 89%
CMY	0.0118, 0.1098, 0.1098
CMYK	0.00, 0.10, 0.10, 0.01
HSL	0°, 81%, 94%
HSV	0°, 10%, 99%
XYZ	81.4791, 81.1797, 84.0479
YIQ	234.4750, 14.9000, 5.3000

Conversions

Conversions Part 2

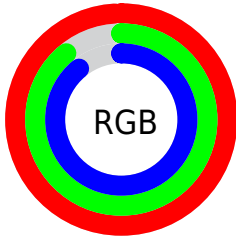
Format	Color
R _Y B	252, 227, 227
Decimal	16573411
CIE Lab	92.21, 8.55, 3.11
CIE LCh	92, 9.095, 19.976
Yxy	81.1797, 0.3303, 0.3291
Android (android.graphics.Color)	4294763491 (0xFFFC E3E3)
YUV	234.4750, -3.6852, 15.3694
Hunter-Lab	90.0998, 3.7467, 7.7623

Details

The RYB color **252, 227, 227** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **227, 240, 252**, and the grayscale version is **235, 235, 235**.

A 20% lighter version of the original color is **255, 255, 255**, and **195, 172, 172** is the 20% darker color. If you saturate the color by 10%, you get **252, 202, 202**, and if you desaturate by 10%, it is **252, 252, 252**.

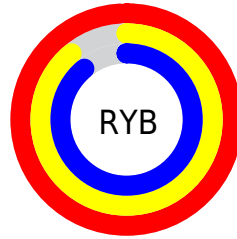
Distribution



Red (99%)

Green (89%)

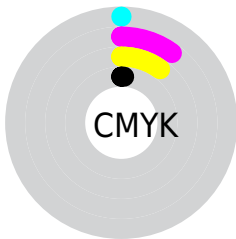
Blue (89%)



Red (99%)

Yellow (89%)

Blue (89%)

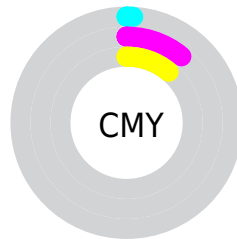


Cyan (0%)

Magenta (10%)

Yellow (10%)

Black (1%)



Cyan (1%)

Magenta (11%)

Yellow (11%)

Brightness & Saturation Gradients

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

 252, 227, 227


255, 255, 255

 252, 227, 227


 223, 199, 199

 195, 172, 172

 168, 145, 145

 141, 119, 120

 116, 95, 95

 91, 71, 71

 67, 49, 49

 45, 27, 28


 26, 1, 1

 252, 227, 227


 252, 227, 227


 252, 202, 202


 252, 252, 252

 252, 177, 177

 252, 254, 255

 252, 151, 151

 252, 126, 126

 252, 101, 101

 252, 76, 76

 252, 51, 51

 252, 25, 25

 252, 0, 0

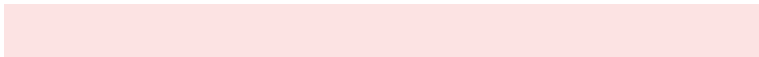
Harmonies

Analogous

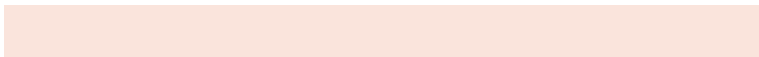
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



249, 227, 236



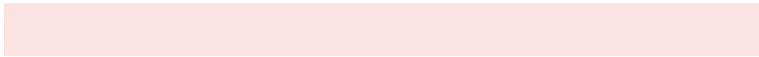
252, 227, 227



250, 231, 220

Triad

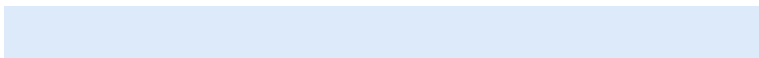
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



252, 227, 227



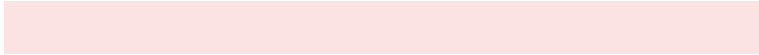
221, 236, 234



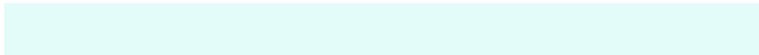
221, 230, 250

Complementary

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



252, 227, 227



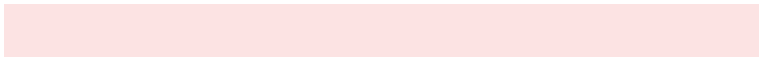
227, 240, 252

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.



213, 227, 246



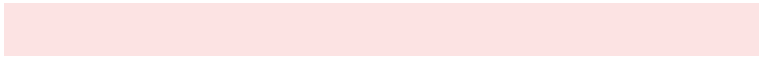
252, 227, 227



215, 229, 238

Square

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



252, 227, 227



216, 234, 216



211, 225, 238



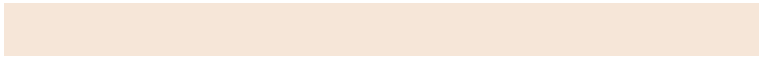
231, 231, 249

Rectangle

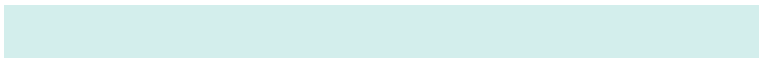
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



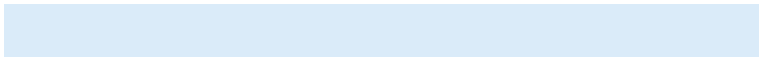
252, 227, 227



246, 242, 216



211, 225, 238



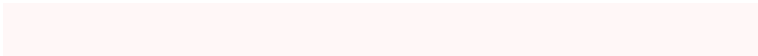
218, 229, 249

Sweetspot

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



252, 227, 227



255, 247, 247



252, 227, 252



128, 122, 122



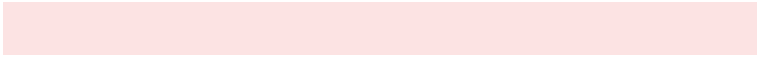
0, 0, 0



128, 128, 128

Same Dimension

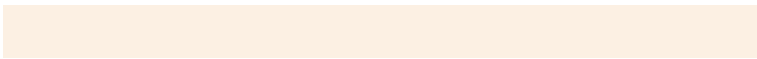
The Same Dimension uses a secret algorithm to generate beautiful new colors.



252, 227, 227



255, 224, 224



250, 252, 227



125, 112, 112



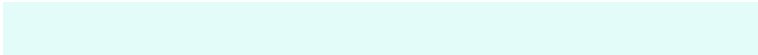
189, 0, 0



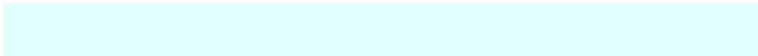
61, 0, 0

Inverse Universe

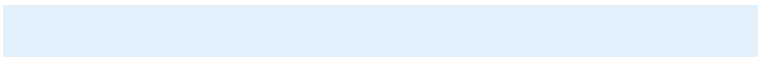
The Inverse Universe completely reimagines the original color for something new.



227, 240, 252



224, 240, 255



227, 236, 252



112, 119, 125



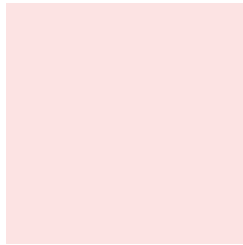
0, 95, 189



0, 31, 61

Previews

White Background



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

Color Contrast Check

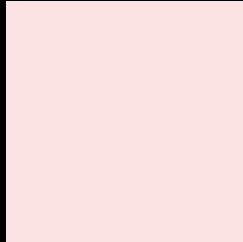
Large Text (above 18pt) WCAG AA × Fail

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, 227, 227 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

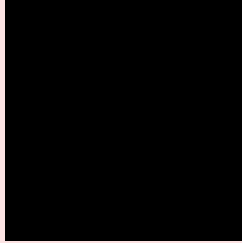
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

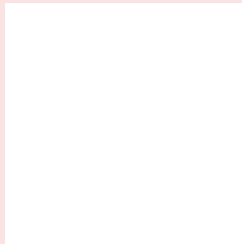
Any Text WCAG AAA ✓ Pass

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

RYB 252, 227, 227 Background



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

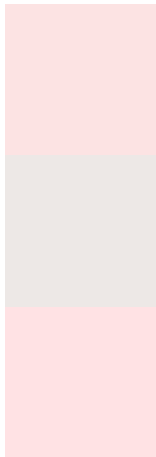


This preview shows how white text looks on a background with the RYB color 252, 227, 227.

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, 227, 227

Protanopia
237, 233, 230

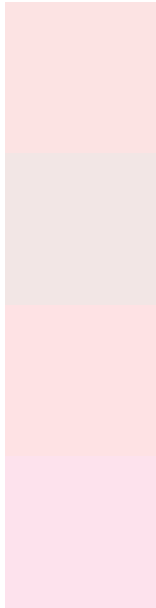
Deuteranopia
255, 226, 228



Tritanopia

254, 225, 242

Trichromacy



Original Color

252, 227, 227

Protanomaly

242, 230, 229

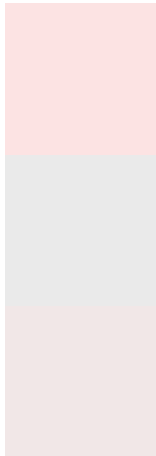
Deuteranomaly

254, 226, 228

Tritanomaly

253, 226, 237

Monochromacy



Original Color

252, 227, 227

Achromatopsia

234, 234, 234

Achromatomaly

241, 231, 231

CSS Examples

Text

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

```
.text, #text, p{  
    color:rgb(252, 227, 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, 227, 227) colored shadow looks like.

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

Border

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

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

```
.border{ border-color:rgb(252, 227, 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, 227, 227) colored shadow looks like.

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

Background

The CSS property to change the background color of an element to RGB 252, 227, 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, 227, 227) }
```

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

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