

Converting Colors

`RYB(252, 227, 241)`

Have a look what the booklet for
RYB(252, 227, 241) contains.

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Color

R_YB(252, 227, 241)

Conversions

Conversions Part 1

Format	Color
Hex	FCE3F1
RGB	252, 227, 241
RGB Percent	99%, 89%, 95%
CMY	0.0118, 0.1098, 0.0549
CMYK	0.00, 0.10, 0.04, 0.01
HSL	326°, 81%, 94%
HSV	326°, 10%, 99%
XYZ	83.4912, 81.9845, 94.6432
YIQ	236.0710, 10.4060, 9.6540

Conversions

Conversions Part 2

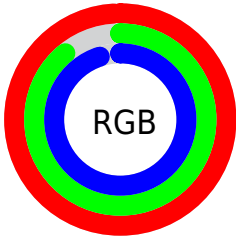
Format	Color
R _Y B	252, 227, 241
Decimal	16573425
CIE Lab	92.57, 10.89, -3.68
CIE LCh	93, 11.496, 341.305
Yxy	81.9845, 0.3210, 0.3152
Android (android.graphics.Color)	4294763505 (0xFFFC3F1)
YUV	236.0710, 2.4300, 13.9697
Hunter-Lab	90.5453, 6.1393, 1.4083

Details

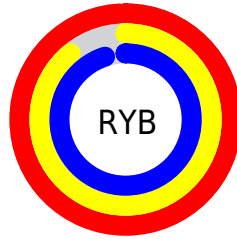
The RYB color **252, 227, 241** is a light color, and the websafe version is hex FFFFFFF. A complement of this color would be **227, 244, 252**, and the grayscale version is **236, 236, 236**.

A 20% lighter version of the original color is 255, 255, 255, and **195, 172, 185** is the 20% darker color. If you saturate the color by 10%, you get **252, 202, 230**, and if you desaturate by 10%, it is 252, 252, 252.

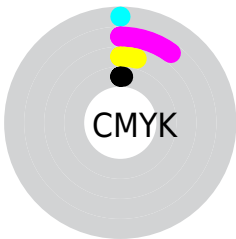
Distribution



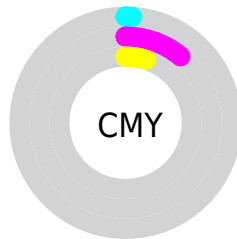
- Red (99%)
- Green (89%)
- Blue (95%)



- Red (99%)
- Yellow (89%)
- Blue (95%)



- Cyan (0%)
- Magenta (10%)
- Yellow (4%)
- Black (1%)



- Cyan (1%)
- Magenta (11%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the RYB color 252, 227, 241 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, 241 by changing the saturation by 10% instead.

 252, 227, 241

255, 255, 255

 252, 227, 241


 223, 199, 213

 195, 172, 185

 168, 145, 158

 142, 119, 132

 116, 95, 107

 91, 71, 83

 68, 48, 60

 45, 27, 38

 26, 1, 17

 252, 227, 241


 252, 227, 241


 252, 202, 230

 252, 252, 252


 252, 177, 219

 252, 254, 255

 252, 151, 208

 252, 126, 197

 252, 101, 186

 252, 76, 174

 252, 51, 163

 252, 25, 152

 252, 0, 141

Harmonies

Analogous

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



241, 230, 250



252, 227, 241



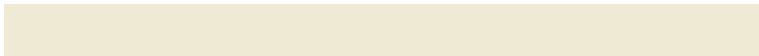
255, 226, 230

Triad

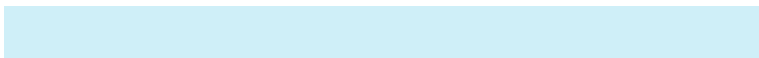
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



252, 227, 241



218, 239, 212



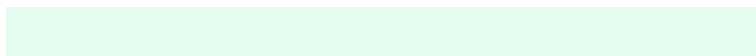
207, 225, 248

Complementary

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



252, 227, 241



227, 244, 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.



207, 224, 240



252, 227, 241



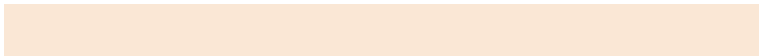
217, 238, 229

Square

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



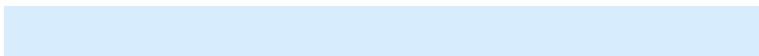
252, 227, 241



250, 248, 213



214, 232, 240



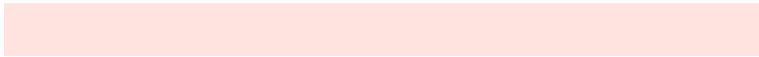
215, 229, 254

Rectangle

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



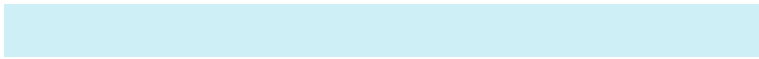
252, 227, 241



255, 228, 223



214, 232, 240



206, 224, 245

Sweetspot

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



252, 227, 241



255, 247, 252



238, 227, 252



128, 122, 125



0, 0, 0



128, 128, 128

Same Dimension

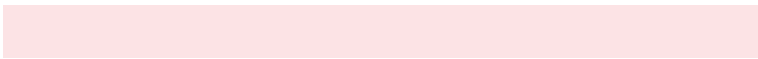
The Same Dimension uses a secret algorithm to generate beautiful new colors.



252, 227, 241



255, 224, 242



252, 227, 229



125, 112, 119



189, 0, 106



61, 0, 34

Inverse Universe

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



252, 227, 241



255, 224, 242



227, 240, 252



125, 112, 119



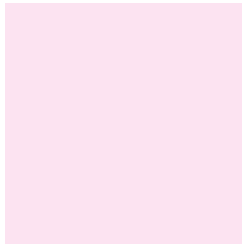
189, 0, 106



61, 0, 34

Previews

White Background



This preview shows how the RYB color 252, 227, 241 looks on a white background.

Color Contrast Check

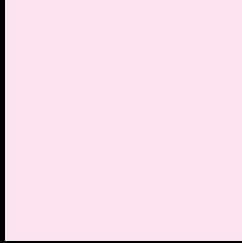
Large Text (above 18pt) WCAG AA × Fail

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, 241 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, 241 Background



This preview shows how black text looks on a background with the RYB color 252, 227, 241.

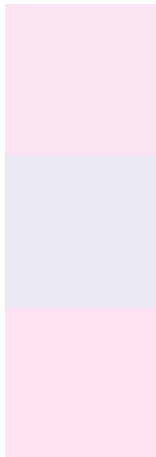


This preview shows how white text looks on a background with the RYB color 252, 227, 241.

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, 241

Protanopia
235, 232, 244

Deuteranopia
253, 227, 241



Tritanopia

252, 226, 244

Trichromacy



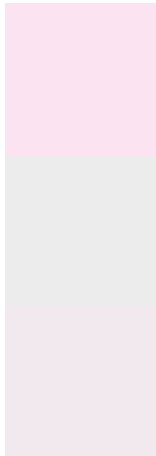
Original Color
252, 227, 241

Protanomaly
241, 230, 243

Deuteranomaly
253, 227, 241

Tritanomaly
252, 226, 243

Monochromacy



Original Color
252, 227, 241

Achromatopsia
236, 236, 236

Achromatomaly
242, 233, 238

CSS Examples

Text

The CSS property to change the color of the text to RYB 252, 227, 241 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, 241) looks like.

```
.text, #text, p{  
    color:rgb(252, 227, 241)  
}
```

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, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 227, 241) }
```

Border

The CSS property to change the border of an element to RYB 252, 227, 241 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, 241) }
```

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

```
.border{ border-color:rgb(252, 227, 241) }
```

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, 241) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 227, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 227, 241);  
box-shadow:4px 4px 4px 4px rgb(252, 227,  
241) }
```

Background

The CSS property to change the background color of an element to RYB 252, 227, 241 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, 241) }
```

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

```
.background{ background-color: rgb(252,  
227, 241) }
```

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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