

Converting Colors

RGB(253, 227, 241)

Have a look what the booklet for
RGB(253, 227, 241) contains.

RGB(253, 227, 241)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(253, 227, 241)

Conversions

Conversions Part 1

Format	Color
Hex	FDE3F1
RGB	253, 227, 241
RGB Percent	99%, 89%, 95%
CMY	0.0078, 0.1098, 0.0549
CMYK	0.00, 0.10, 0.05, 0.01
HSL	328°, 87%, 94%
HSV	328°, 10%, 99%
XYZ	83.8543, 82.1717, 94.6602
YIQ	236.3700, 11.0020, 9.8660

Conversions

Conversions Part 2

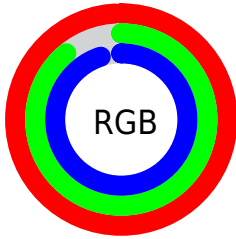
Format	Color
R_{YB}	253, 227, 241
Decimal	16638961
CIE _{Lab}	92.65, 11.23, -3.55
CIE _{LCh}	93, 11.776, 342.435
Yxy	82.1717, 0.3217, 0.3152
Android (android.graphics.Color)	4294829041 (0xFFFDE3F1)
YUV	236.3700, 2.2826, 14.5845
Hunter-Lab	90.6486, 6.4860, 1.5402

Details

The RGB color **253, 227, 241** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **227, 253, 239**, and the grayscale version is **236, 236, 236**.

A 20% lighter version of the original color is 255, 255, 255, and **196, 172, 185** is the 20% darker color. If you saturate the color by 10%, you get **253, 202, 229**, and if you desaturate by 10%, it is 253, 252, 253.

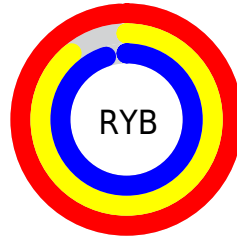
Distribution



Red (99%)

Green (89%)

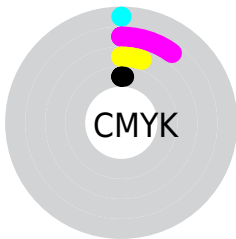
Blue (95%)



Red (99%)

Yellow (89%)

Blue (95%)

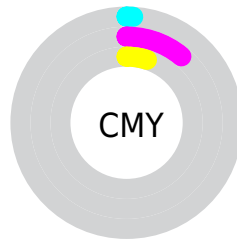


Cyan (0%)

Magenta (10%)

Yellow (5%)

Black (1%)



Cyan (1%)

Magenta (11%)

Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the RGB color 253, 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 RGB color 253, 227, 241 by changing the saturation by 10% instead.

 253, 227, 241


255, 255, 255

 253, 227, 241

 224, 199, 213

 196, 172, 185

 169, 145, 158

 142, 119, 132

 117, 95, 107

 92, 71, 83

 68, 48, 60

 46, 27, 38

 26, 1, 17

 253, 227, 241

 253, 227, 241

 253, 202, 229


 253, 252, 253


 253, 176, 218


 253, 255, 255


 253, 151, 206

 253, 126, 194

 253, 100, 183

 253, 75, 171

 253, 50, 159

 253, 25, 148

 253, 0, 136

Harmonies

Analogous

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



242, 230, 251



253, 227, 241



255, 226, 229

Triad

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



253, 227, 241



238, 235, 212



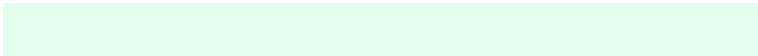
207, 240, 249

Complementary

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



253, 227, 241



227, 253, 239

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, 241, 238



253, 227, 241



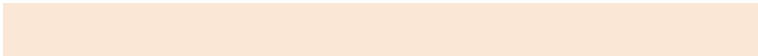
225, 238, 217

Square

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



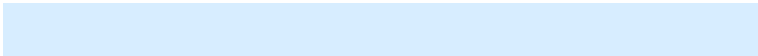
253, 227, 241



250, 231, 213



214, 240, 227



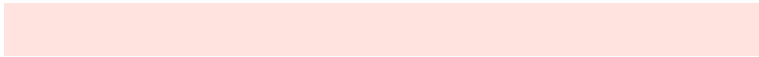
215, 237, 255

Rectangle

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



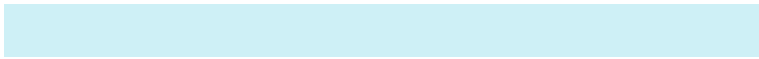
253, 227, 241



255, 227, 222



214, 240, 227



206, 240, 246

Sweetspot

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



253, 227, 241



255, 247, 251



239, 227, 253



128, 122, 125



0, 0, 0



128, 128, 128

Same Dimension

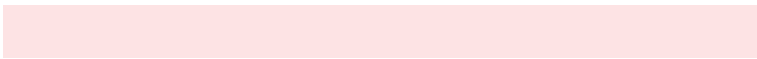
The Same Dimension uses a secret algorithm to generate beautiful new colors.



253, 227, 241



255, 224, 241



253, 227, 228



128, 115, 122



191, 0, 103



64, 0, 34

Inverse Universe

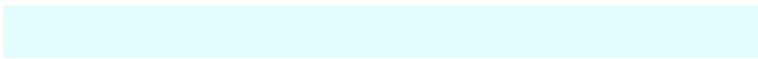
The Inverse Universe completely reimagines the original color for something new.



253, 227, 241



255, 224, 241



227, 253, 252



128, 115, 122



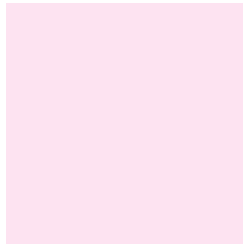
191, 0, 103



64, 0, 34

Previews

White Background



This preview shows how the RGB color 253, 227, 241 looks on a white background.

Color Contrast Check

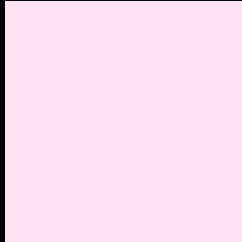
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 253, 227, 241 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

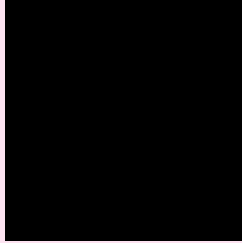
Any Text WCAG AA ✓ Pass

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](#).

RGB 253, 227, 241 Background



This preview shows how black text looks on a background with the RGB color 253, 227, 241.

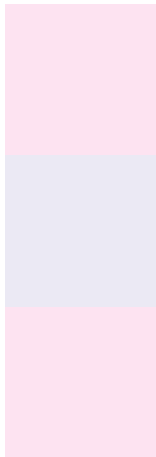


This preview shows how white text looks on a background with the RGB color 253, 227, 241.

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
253, 227, 241

Protanopia
235, 233, 244

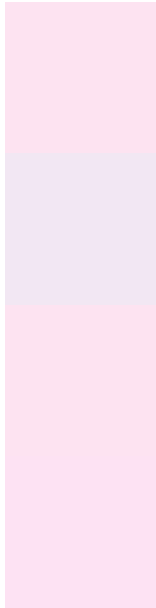
Deuteranopia
253, 227, 241



Tritanopia

253, 226, 244

Trichromacy



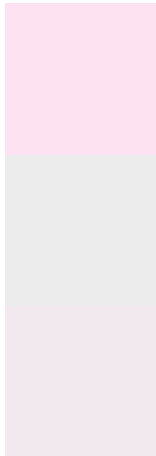
Original Color
253, 227, 241

Protanomaly
242, 231, 243

Deuteranomaly
253, 227, 241

Tritanomaly
253, 226, 243

Monochromacy



Original Color
253, 227, 241

Achromatopsia
236, 236, 236

Achromatomaly
242, 233, 238

CSS Examples

Text

The CSS property to change the color of the text to RGB 253, 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(253, 227, 241) looks like.

```
.text, #text, p{  
    color:rgb(253, 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(253, 227, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 227, 241) }
```

Border

The CSS property to change the border of an element to RGB 253, 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(253, 227, 241) }
```

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

```
.border{ border-color:rgb(253, 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(253, 227, 241) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 227, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 227, 241);  
box-shadow:4px 4px 4px 4px rgb(253, 227,  
241) }
```

Background

The CSS property to change the background color of an element to RGB 253, 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(253, 227, 241) }
```

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

```
.background{ background-color: rgb(253,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor