

Converting Colors

RGB(253, 218, 233)

Have a look what the booklet for
RGB(253, 218, 233) contains.

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Color

RGB(253, 218, 233)

Conversions

Conversions Part 1

Format	Color
Hex	FDDAE9
RGB	253, 218, 233
RGB Percent	99%, 85%, 91%
CMY	0.0078, 0.1451, 0.0863
CMYK	0.00, 0.14, 0.08, 0.01
HSL	334°, 90%, 92%
HSV	334°, 14%, 99%
XYZ	80.2874, 76.9086, 87.7040
YIQ	230.1750, 16.0450, 12.0850

Conversions

Conversions Part 2

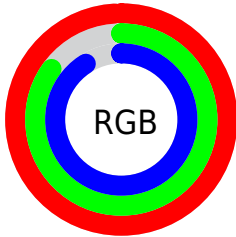
Format	Color
R _Y B	253, 218, 233
Decimal	16636649
CIE Lab	90.28, 14.55, -2.85
CIE LCh	90, 14.824, 348.929
Yxy	76.9086, 0.3278, 0.3140
Android (android.graphics.Color)	4294826729 (0xFFFDDAE9)
YUV	230.1750, 1.3927, 20.0175
Hunter-Lab	87.6976, 9.9465, 2.0939

Details

The RGB color **253, 218, 233** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **218, 253, 238**, and the grayscale version is **230, 230, 230**.

A 20% lighter version of the original color is **255, 255, 255**, and **196, 163, 177** is the 20% darker color. If you saturate the color by 10%, you get **253, 193, 219**, and if you desaturate by 10%, it is **253, 243, 247**.

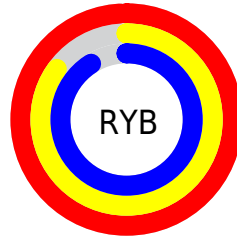
Distribution



Red (99%)

Green (85%)

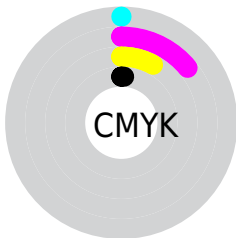
Blue (91%)



Red (99%)

Yellow (85%)

Blue (91%)

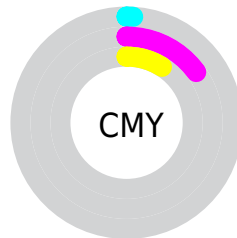


Cyan (0%)

Magenta (14%)

Yellow (8%)

Black (1%)



Cyan (1%)

Magenta (15%)

Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the RGB color 253, 218, 233 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, 218, 233 by changing the saturation by 10% instead.

 253, 218, 233


255, 255, 255

 253, 218, 233


 224, 190, 205

 196, 163, 177

 169, 137, 151

 142, 111, 125

 116, 87, 100

 91, 63, 76


 68, 41, 53

 45, 20, 32

 27, 0, 9

 253, 218, 233

 253, 218, 233

 253, 193, 219


 253, 243, 247


 253, 167, 204

 253, 255, 255


 253, 142, 190

 253, 117, 175

 253, 91, 161

 253, 66, 146

 253, 41, 132

 253, 16, 117

 253, 0, 108

Harmonies

Analogous

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



241, 221, 246



253, 218, 233



255, 218, 219

Triad

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



253, 218, 233



229, 229, 200



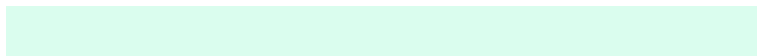
194, 234, 248

Complementary

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



253, 218, 233



218, 253, 238

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.



192, 236, 236



253, 218, 233



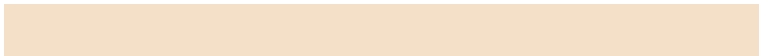
213, 233, 208

Square

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



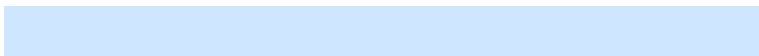
253, 218, 233



244, 224, 200



199, 235, 221



206, 230, 255

Rectangle

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



253, 218, 233



255, 219, 210



199, 235, 221



192, 235, 244

Sweetspot

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



253, 218, 233



255, 245, 249



238, 218, 253



128, 121, 124



0, 0, 0



128, 128, 128

Same Dimension

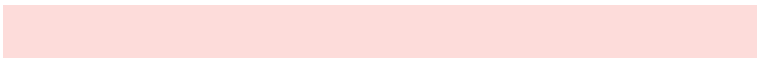
The Same Dimension uses a secret algorithm to generate beautiful new colors.



253, 218, 233



255, 212, 230



253, 220, 218



128, 115, 120



191, 0, 82



64, 0, 27

Inverse Universe

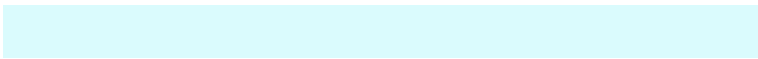
The Inverse Universe completely reimagines the original color for something new.



253, 218, 233



255, 212, 230



218, 251, 253



128, 115, 120



191, 0, 82



64, 0, 27

Previews

White Background



This preview shows how the RGB color 253, 218, 233 looks on a white background.

Color Contrast Check

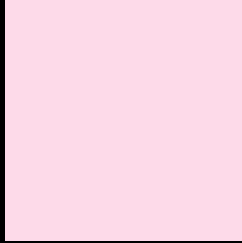
Large Text (above 18pt) WCAG AA × Fail

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, 218, 233 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, 218, 233 Background



This preview shows how black text looks on a background with the RGB color 253, 218, 233.

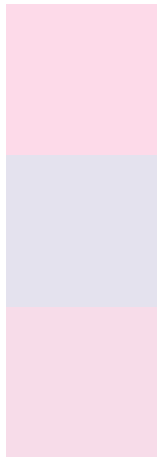


This preview shows how white text looks on a background with the RGB color 253, 218, 233.

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, 218, 233

Protanopia
228, 226, 238

Deuteranopia
247, 220, 233



Tritanopia
253, 218, 235

Trichromacy



Original Color

253, 218, 233

Protanomaly

237, 223, 236

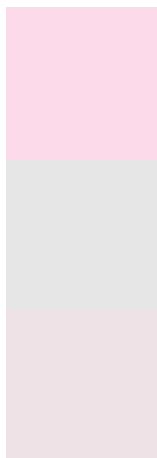
Deuteranomaly

249, 219, 233

Tritanomaly

253, 218, 234

Monochromacy



Original Color

253, 218, 233

Achromatopsia

230, 230, 230

Achromatomaly

238, 226, 231

CSS Examples

Text

The CSS property to change the color of the text to RGB 253, 218, 233 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, 218, 233) looks like.

```
.text, #text, p{  
    color:rgb(253, 218, 233)  
}
```

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, 218, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 218, 233) }
```

Border

The CSS property to change the border of an element to RGB 253, 218, 233 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, 218, 233) }
```

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

```
.border{ border-color:rgb(253, 218, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 218, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 218, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 218, 233);  
box-shadow:4px 4px 4px 4px rgb(253, 218,  
233) }
```

Background

The CSS property to change the background color of an element to RGB 253, 218, 233 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 218, 233) }
```

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

```
.background{ background-color: rgb(253,  
218, 233) }
```

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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