

Converting Colors

RGB(255, 213, 232)

Have a look what the booklet for
RGB(255, 213, 232) contains.

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Color

RGB(255, 213, 232)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FFD5E8 |
| RGB | 255, 213, 232 |
| RGB Percent | 100%, 84%, 91% |
| CMY | 0.0000, 0.1647, 0.0902 |
| CMYK | 0.00, 0.16, 0.09, 0.00 |
| HSL | 333°, 100%, 92% |
| HSV | 333°, 16%, 100% |
| XYZ | 79.5997, 74.6747, 86.5622 |
| YIQ | 227.7240, 18.9330, 14.8130 |

Conversions

Conversions Part 2

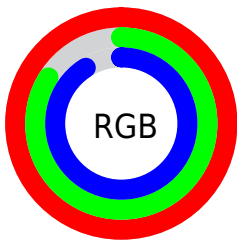
| Format | Color |
|-------------------------------------|------------------------------|
| R _{YB} | 255, 213, 232 |
| Decimal | 16766440 |
| CIE Lab | 89.24, 17.67, -3.83 |
| CIE LCh | 89, 18.084, 347.782 |
| Yxy | 74.6747, 0.3305, 0.3101 |
| Android (android.graphics.Color) | 4294956520 (0xFFFFD5E8) |
| YUV | 227.7240, 2.1081, 23.9211 |
| Hunter-Lab | 86.4145, 13.1978, 1.0988 |

Details

The RGB color **255, 213, 232** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **213, 255, 236**, and the grayscale version is **228, 228, 228**.

A 20% lighter version of the original color is 255, 255, 255, and **198, 158, 176** is the 20% darker color. If you saturate the color by 10%, you get **255, 188, 218**, and if you desaturate by 10%, it is 255, 239, 246.

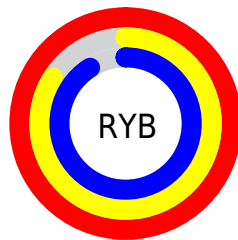
Distribution



Red (100%)

Green (84%)

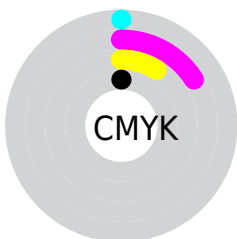
Blue (91%)



Red (100%)

Yellow (84%)

Blue (91%)

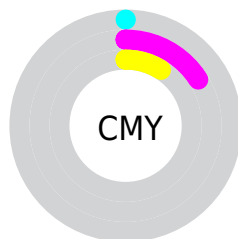


Cyan (0%)

Magenta (16%)

Yellow (9%)

Black (0%)



Cyan (0%)

Magenta (16%)

Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the RGB color 255, 213, 232 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 255, 213, 232 by changing the saturation by 10% instead.


 255, 213, 232

255, 255, 255

 255, 213, 232

 226, 185, 204

 198, 158, 176

 170, 132, 150

 144, 107, 124

 118, 82, 99

 93, 59, 75


 69, 37, 53

 46, 16, 31

 26, 0, 7

 255, 213, 232

 255, 213, 232

 255, 188, 218

 255, 239, 246

 255, 162, 204


255, 255, 255

 255, 137, 190

 255, 111, 176

 255, 86, 162

 255, 60, 148

 255, 34, 134

 255, 9, 120

 255, 0, 115

Harmonies

Analogous

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



240, 217, 248



255, 213, 232



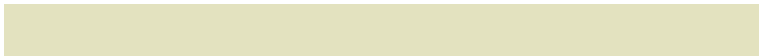
255, 213, 214

Triad

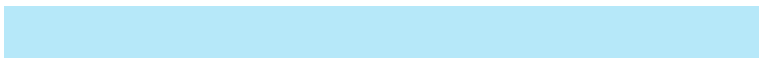
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



255, 213, 232



227, 226, 191



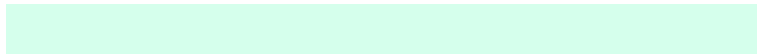
182, 232, 249

Complementary

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



255, 213, 232



213, 255, 236

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.



180, 234, 234



255, 213, 232



207, 231, 201

Square

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



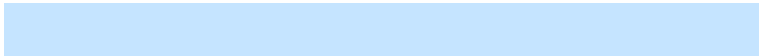
255, 213, 232



245, 221, 191



190, 234, 216



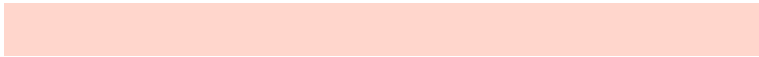
197, 228, 255

Rectangle

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



255, 213, 232



255, 214, 204



190, 234, 216



180, 233, 245

Sweetspot

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



255, 213, 232



255, 242, 248



235, 213, 255



128, 120, 123



0, 0, 0



128, 128, 128

Same Dimension

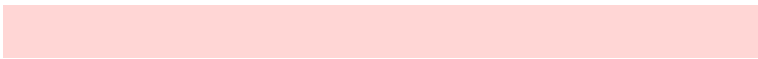
The Same Dimension uses a secret algorithm to generate beautiful new colors.



255, 213, 232



255, 204, 227



255, 214, 213



128, 115, 121



191, 0, 87



64, 0, 29

Inverse Universe

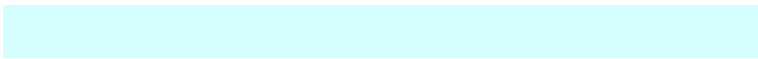
The Inverse Universe completely reimagines the original color for something new.



255, 213, 232



255, 204, 227



213, 254, 255



128, 115, 121



191, 0, 87



64, 0, 29

Previews

White Background



This preview shows how the RGB color 255, 213, 232 looks on a white background.

Color Contrast Check

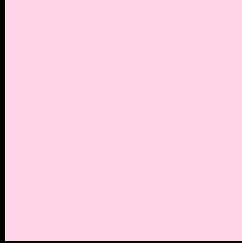
Large Text (above 18pt) WCAG AA × Fail

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 255, 213, 232 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 255, 213, 232 Background



This preview shows how black text looks on a background with the RGB color 255, 213, 232.



This preview shows how white text looks on a background with the RGB color 255, 213, 232.

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
255, 213, 232

Protanopia
224, 223, 238

Deuteranopia
243, 218, 231



Tritanopia
255, 213, 230

Trichromacy



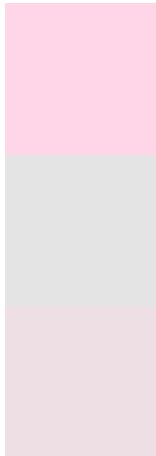
Original Color
255, 213, 232

Protanomaly
235, 219, 236

Deuteranomaly
247, 216, 231

Tritanomaly
255, 213, 231

Monochromacy



Original Color
255, 213, 232

Achromatopsia
228, 228, 228

Achromatomaly
238, 223, 229

CSS Examples

Text

The CSS property to change the color of the text to RGB 255, 213, 232 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(255, 213, 232)` looks like.

```
.text, #text, p{  
    color:rgb(255, 213, 232)  
}
```

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(255, 213, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 213, 232) }
```

Border

The CSS property to change the border of an element to RGB 255, 213, 232 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(255, 213, 232) }
```

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

```
.border{ border-color:rgb(255, 213, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 213, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 213, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 213, 232);  
box-shadow:4px 4px 4px 4px rgb(255, 213,  
232) }
```

Background

The CSS property to change the background color of an element to RGB 255, 213, 232 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 213, 232) }
```

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

```
.background{ background-color: rgb(255,  
213, 232) }
```

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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