

Converting Colors

RGB(255, 225, 255)

Have a look what the booklet for
RGB(255, 225, 255) contains.

RGB(255, 225, 255)	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(255, 225, 255)

Conversions

Conversions Part 1	
Format	Color
Hex	FFE1FF
RGB	255, 225, 255
RGB Percent	100%, 88%, 100%
CMY	0.0000, 0.1176, 0.0000
CMYK	0.00, 0.12, 0.00, 0.00
HSL	300°, 100%, 94%
HSV	300°, 12%, 100%
XYZ	86.2152, 82.3304, 105.9551
YIQ	237.3900, 8.2500, 15.6900

Conversions

Conversions Part 2

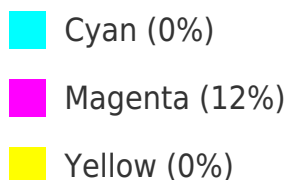
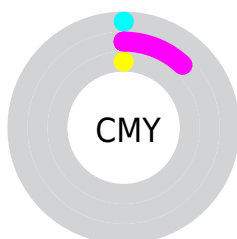
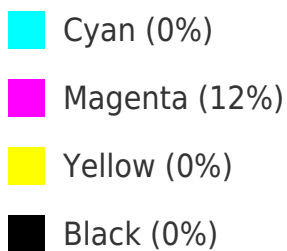
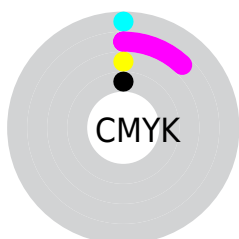
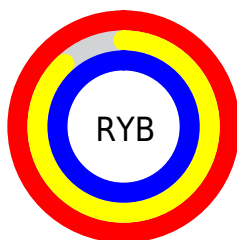
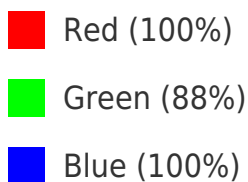
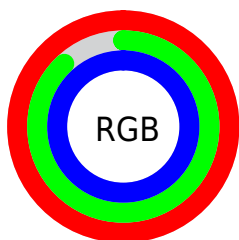
Format	Color
RYB	255, 225, 255
Decimal	16769535
CIELab	92.72, 15.38, -10.74
CIELCh	93, 18.763, 325.076
Yxy	82.3304, 0.3141, 0.2999
Android (android.graphics.Color)	4294959615 (0xFFFFE1FF)
YUV	237.3900, 8.6817, 15.4440
Hunter-Lab	90.7361, 10.8181, -5.7193

Details

The RGB color 255, 225, 255 is a light color, and the websafe version is hex FFCCFF. A complement of this color would be 225, 255, 225, and the grayscale version is 237, 237, 237.

A 20% lighter version of the original color is 255, 255, 255, and 198, 170, 198 is the 20% darker color. If you saturate the color by 10%, you get 255, 200, 255, and if you desaturate by 10%, it is 255, 251, 255.

Distribution



Brightness & Saturation Gradients

These gradients show how the RGB color 255, 225, 255 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, 225, 255 by changing the saturation by 10% instead.



255, 225, 255



255, 225, 255

255, 255, 255



226, 197, 226



198, 170, 198



171, 143, 171



144, 117, 144



118, 93, 119



93, 69, 94



70, 46, 70



47, 25, 48



28, 0, 27

 255, 225, 255

 255, 225, 255

 255, 200, 255

 255, 251, 255


 255, 174, 255

255, 255, 255


 255, 148, 255

 255, 123, 255

 255, 98, 255

 255, 72, 255

 255, 47, 255

 255, 21, 255

 255, 0, 255

Harmonies

Analogous

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



234, 230, 255



255, 225, 255



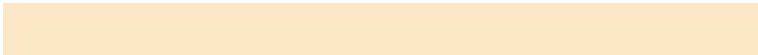
255, 222, 238

Triad

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



255, 225, 255



252, 232, 198



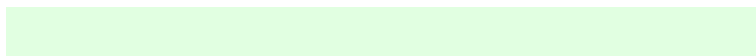
187, 244, 249

Complementary

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



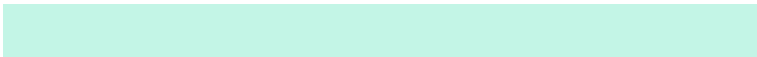
255, 225, 255



225, 255, 225

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.



195, 245, 230



255, 225, 255



232, 238, 201

Square

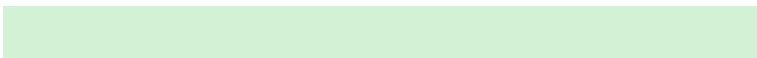
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



255, 225, 255



255, 226, 205



211, 242, 213



193, 242, 255

Rectangle

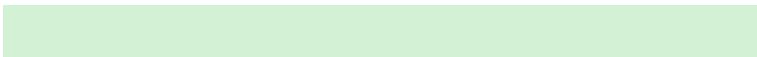
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



255, 225, 255



255, 222, 225



211, 242, 213



188, 245, 243

Sweetspot

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



255, 225, 255



255, 245, 255



225, 225, 255



128, 121, 128



0, 0, 0



128, 128, 128

Same Dimension

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



255, 225, 255



255, 219, 255



255, 225, 240



128, 115, 128



191, 0, 191



64, 0, 64

Inverse Universe

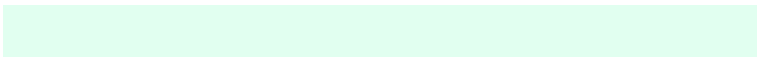
The Inverse Universe completely reimagines the original color for something new.



255, 225, 255



255, 219, 255



225, 255, 240



128, 115, 128



191, 0, 191



64, 0, 64

Previews

White Background



This preview shows how the RGB color 255, 225, 255 looks on a white background.

Color Contrast Check

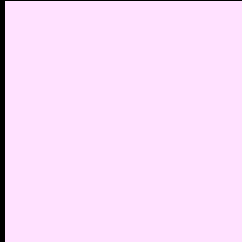
Large Text (above 18pt) WCAG AA × Fail

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, 225, 255 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

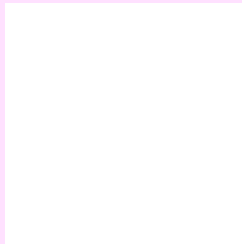
Any Text WCAG AAA ✓ Pass

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

RGB 255, 225, 255 Background



This preview shows how black text looks on a background with the RGB color 255, 225, 255.

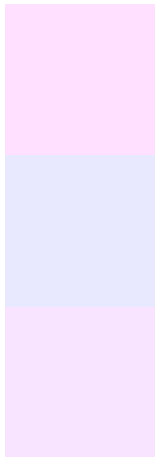


This preview shows how white text looks on a background with the RGB color 255, 225, 255.

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, 225, 255

Protanopia
232, 233, 255

Deuteranopia
248, 228, 254



Tritanopia

253, 227, 245

Trichromacy

	Original Color 255, 225, 255
	Protanomaly 240, 230, 255
	Deuteranomaly 251, 227, 254
	Tritanomaly 254, 226, 249

Monochromacy

	Original Color 255, 225, 255
	Achromatopsia 237, 237, 237
	Achromatomaly 244, 233, 244

CSS Examples

Text

The CSS property to change the color of the text to RGB 255, 225, 255 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, 225, 255) looks like.

```
.text, #text, p{  
    color:rgb(255, 225, 255)  
}
```

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, 225, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 225, 255) }
```

Border

The CSS property to change the border of an element to RGB 255, 225, 255 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, 225, 255) }
```

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

```
.border{ border-color:rgb(255, 225, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 225, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 225, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 225, 255);  
box-shadow:4px 4px 4px 4px rgb(255, 225,  
255) }
```

Background

The CSS property to change the background color of an element to RGB 255, 225, 255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 225, 255) }
```

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

```
.background{ background-color: rgb(255,  
225, 255) }
```

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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