

Converting Colors

CIELCh(93, 13.383, 332.964)

Have a look what the booklet for
CIELCh(93, 13.383, 332.964)
contains.

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Color

CIElCh(93, 13.235, 332.581)

Conversions

Conversions Part 1

Format	Color
Hex	FDE4F7
RGB	253, 228, 247
RGB Percent	99%, 89%, 97%
CMY	0.0084, 0.1064, 0.0319
CMYK	0.00, 0.10, 0.02, 0.01
HSL	314°, 85%, 94%
HSV	314°, 10%, 99%
XYZ	84.9224, 82.9670, 99.4140
YIQ	237.6410, 8.8010, 11.2090

Conversions

Conversions Part 2

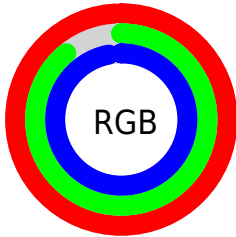
Format	Color
R _Y B	253, 228, 247
Decimal	16639223
CIE Lab	93.00, 11.75, -6.09
CIE LCh	93, 13.235, 332.581
Yxy	82.9670, 0.3177, 0.3104
Android (android.graphics.Color)	4294829303 (0xFFFDE4F7)
YUV	237.6410, 4.6140, 13.4698
Hunter-Lab	91.0862, 7.0200, -0.9504

Details

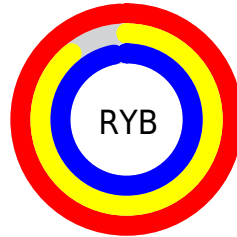
The CIELCh color **93, 13.235, 332.581** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **97, 13.181, 151.326**, and the grayscale version is **94, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **73, 12.996, 331.859** is the 20% darker color. If you saturate the color by 10%, you get **87, 26.758, 333.278**, and if you desaturate by 10%, it is **99, 0.144, 154.624**.

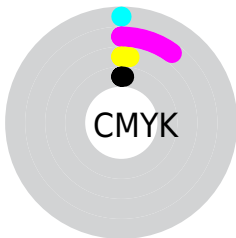
Distribution



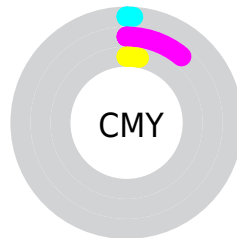
- Red (99%)
- Green (89%)
- Blue (97%)



- Red (99%)
- Yellow (89%)
- Blue (97%)



- Cyan (0%)
- Magenta (10%)
- Yellow (2%)
- Black (1%)





- Cyan (1%)
- Magenta (11%)
- Yellow (3%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 93, 13.235, 332.581 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 CIELCh color 93, 13.235, 332.581 by changing the saturation by 10% instead.


 93, 13.235,
332.581


 93, 13.235,
332.581


 100, 13.235,
332.581


 83, 13.235,
332.581

 73, 13.235,
332.581

 63, 13.235,
332.581

 53, 13.235,
332.581

 43, 13.235,
332.581

 33, 13.235,
332.581

 23, 13.235,

332.581

■ 13, 13.235,
332.581

■ 3, 13.235, 332.581

■ 93, 13.235,
332.581

■ 93, 13.235,
332.581

■ 87, 26.758,
333.278

■ 99, 0.144, 154.624

■ 81, 40.222,
333.997

100, 0.746,
200.246

■ 75, 53.303,
334.750

■ 70, 65.554,
335.545

■ 66, 76.402,
336.395

■ 62, 85.207,
337.323

■ 60, 91.385,
338.366

■ 58, 94.606,
339.575

■ 57, 95.195,
340.987

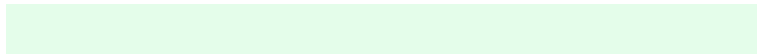
Harmonies

Complementary

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



93, 13.235, 332.581



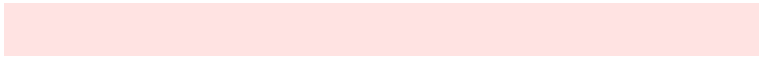
97, 13.181, 151.326

Rectangle

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



93, 13.235, 332.581



93, 13.235, 22.581



93, 13.235, 152.581



93, 13.235, 202.581

Sweetspot

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



93, 13.232, 332.582



98, 4.026, 332.066



92, 13.144, 299.942



52, 3.053, 332.138



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

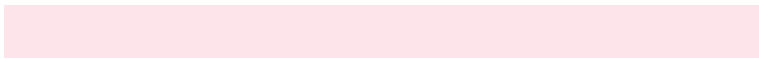
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93, 13.232, 332.582



92, 16.198, 332.729



93, 9.638, 359.208



50, 7.661, 332.556



43, 77.391, 340.733



11, 36.355, 338.877

Inverse Universe

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



93, 13.232, 332.582



92, 16.198, 332.729



97, 9.333, 177.455



50, 7.661, 332.556



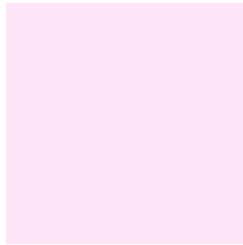
43, 77.391, 340.733



11, 36.355, 338.877

Previews

White Background



This preview shows how the CIELCh color 93, 13.235, 332.581 looks on a white background.

Color Contrast Check

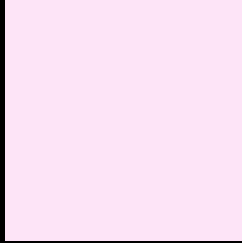
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 93, 13.235, 332.581 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

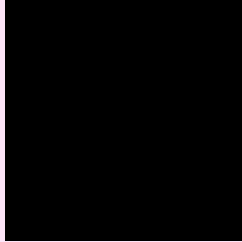
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 93, 13.235, 332.581

Background



This preview shows how black text looks on a background with the CIELCh color 93, 13.235, 332.581.

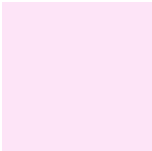




This preview shows how white text looks on a background with the CIELCh color 93, 13.235, 332.581.

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](#).

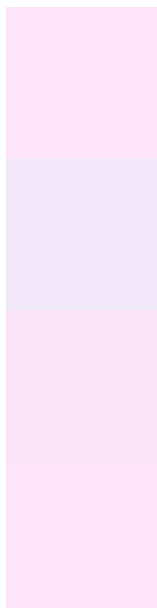
Dichromacy

	Original Color 93, 13.235, 332.581
	Protanopia 93, 8.276, 293.223
	Deuteranopia 93, 13.001, 331.394



Tritanopia
93, 12.862, 334.128

Trichromacy



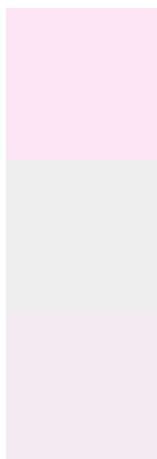
Original Color
93, 13.235, 332.581

Protanomaly
93, 9.365, 310.370

Deuteranomaly
93, 13.001, 331.394

Tritanomaly
93, 12.862, 334.128

Monochromacy



Original Color
93, 13.235, 332.581

Achromatopsia
94, 0.011, 296.813

Achromatomaly
94, 4.842, 331.476

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 13.235, 332.581 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, 228, 247)` looks like.

```
.text, #text, p{  
    color:rgb(253, 228, 247)  
}
```

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, 228, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 228, 247) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 13.235, 332.581 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, 228, 247) }
```

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

```
.border{ border-color:rgb(253, 228, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 228, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 228, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 228, 247);  
box-shadow:4px 4px 4px 4px rgb(253, 228,  
247) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 13.235, 332.581 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 228, 247) }
```

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

```
.background{ background-color: rgb(253,  
228, 247) }
```

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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