

Converting Colors

CIELCh(93, 11.444, 340.616)

Have a look what the booklet for
CIELCh(93, 11.444, 340.616)
contains.

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Color

CIElCh(93, 11.487, 341.302)

Conversions

Conversions Part 1

Format	Color
Hex	FDE4F2
RGB	253, 228, 242
RGB Percent	99%, 89%, 95%
CMY	0.0069, 0.1049, 0.0501
CMYK	0.00, 0.10, 0.04, 0.01
HSL	326°, 88%, 94%
HSV	326°, 10%, 99%
XYZ	84.4643, 82.9670, 95.7522
YIQ	237.0710, 10.4060, 9.6540

Conversions

Conversions Part 2

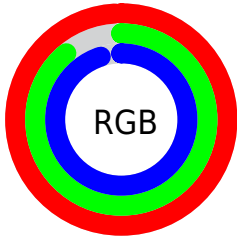
Format	Color
R _Y B	253, 228, 242
Decimal	16639218
CIE Lab	93.00, 10.88, -3.68
CIE LCh	93, 11.487, 341.302
Yxy	82.9670, 0.3209, 0.3152
Android (android.graphics.Color)	4294829298 (0xFFFDE4F2)
YUV	237.0710, 2.4300, 13.9697
Hunter-Lab	91.0862, 6.1222, 1.4332

Details

The CIELCh color **93, 11.487, 341.302** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **97, 11.368, 159.804**, 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, 11.147, 341.187** is the 20% darker color. If you saturate the color by 10%, you get **87, 23.322, 342.198**, and if you desaturate by 10%, it is **99, 0.138, 163.872**.

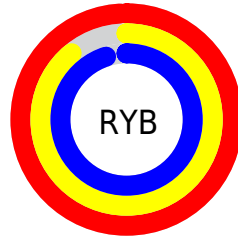
Distribution



Red (99%)

Green (89%)

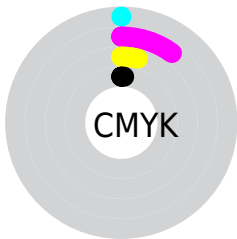
Blue (95%)



Red (99%)

Yellow (89%)

Blue (95%)

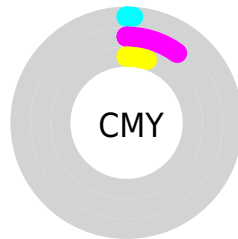


Cyan (0%)

Magenta (10%)

Yellow (4%)

Black (1%)



Cyan (1%)


Magenta (10%)


Yellow (5%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 93, 11.487, 341.302 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, 11.487, 341.302 by changing the saturation by 10% instead.


 93, 11.487,
341.302


 93, 11.487,
341.302


 100, 11.487,
341.302


 83, 11.487,
341.302

 73, 11.487,
341.302

 63, 11.487,
341.302

 53, 11.487,
341.302

 43, 11.487,
341.302

 33, 11.487,
341.302

 23, 11.487,

341.302

■ 13, 11.487,
341.302

■ 3, 11.487, 341.302

■ 93, 11.487,
341.302

■ 93, 11.487,
341.302

■ 87, 23.322,
342.198

■ 99, 0.138, 163.872

■ 81, 35.203,
343.170

100, 0.612,
200.449

■ 75, 46.854,
344.261

■ 70, 57.871,
345.510

■ 65, 67.724,
346.980

■ 61, 75.794,
348.757

■ 58, 81.511,
350.962

■ 56, 84.564,
353.739

■ 55, 85.335,
357.166

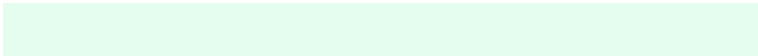
Harmonies

Complementary

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



93, 11.487, 341.302



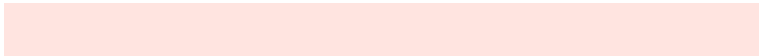
97, 11.368, 159.804

Rectangle

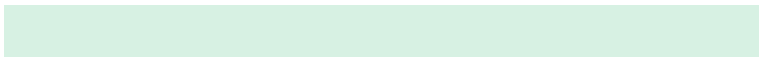
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



93, 11.487, 341.302



93, 11.487, 31.302



93, 11.487, 161.302



93, 11.487, 211.302

Sweetspot

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



93, 11.484, 341.306



98, 3.486, 340.659



92, 13.528, 307.181



52, 2.644, 340.750



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

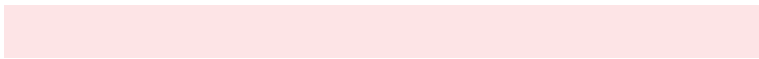
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93, 11.484, 341.306



92, 14.068, 341.492



93, 9.104, 14.589



50, 6.648, 341.274



41, 69.268, 356.531



11, 32.559, 351.879

Inverse Universe

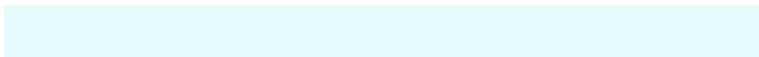
The Inverse Universe completely reimagines the original color for something new.



93, 11.484, 341.306



92, 14.068, 341.492



98, 8.615, 193.247



50, 6.648, 341.274



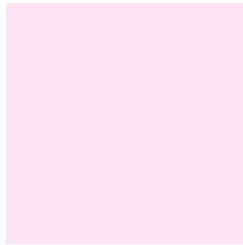
41, 69.268, 356.531



11, 32.559, 351.879

Previews

White Background



This preview shows how the CIELCh color 93, 11.487, 341.302 looks on a white background.

Color Contrast Check

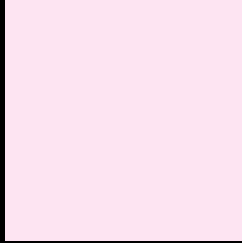
Large Text (above 18pt) WCAG AA × Fail

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, 11.487, 341.302 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

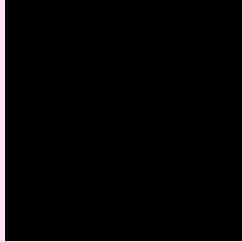
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 93, 11.487, 341.302

Background



This preview shows how black text looks on a background with the CIELCh color 93, 11.487, 341.302.

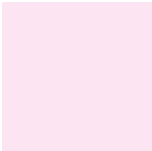
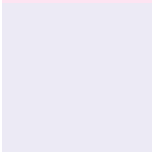



This preview shows how white text looks on a background with the CIELCh color 93, 11.487, 341.302.

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](#).

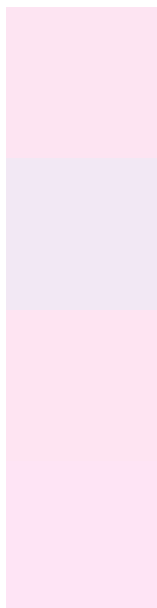
Dichromacy

	Original Color 93, 11.487, 341.302
	Protanopia 93, 5.737, 297.612
	Deuteranopia 93, 11.766, 342.432



Tritanopia
93, 13.109, 335.280

Trichromacy



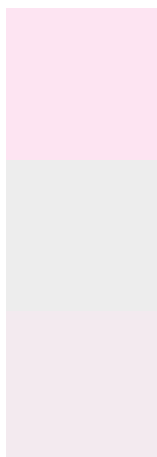
Original Color
93, 11.487, 341.302

Protanomaly
93, 7.164, 319.987

Deuteranomaly
93, 11.766, 342.432

Tritanomaly
93, 12.755, 336.922

Monochromacy



Original Color
93, 11.487, 341.302

Achromatopsia
94, 0.011, 296.813

Achromatomaly
94, 4.128, 340.956

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 11.487, 341.302 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, 242)` looks like.

```
.text, #text, p{  
    color:rgb(253, 228, 242)  
}
```

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, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 228, 242) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 11.487, 341.302 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, 242) }
```

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

```
.border{ border-color:rgb(253, 228, 242) }
```

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, 242) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 228, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 228, 242);  
box-shadow:4px 4px 4px 4px rgb(253, 228,  
242) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 11.487, 341.302 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, 242) }
```

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

```
.background{ background-color: rgb(253,  
228, 242) }
```

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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