

Converting Colors

CIELCh(93, 12.487, 336.871)

Have a look what the booklet for
CIELCh(93, 12.487, 336.871)
contains.

CIELCh(93, 12.500, 335.769)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIElCh(93, 12.500, 335.769)

Conversions

Conversions Part 1

Format	Color
Hex	FDE4F5
RGB	253, 228, 245
RGB Percent	99%, 89%, 96%
CMY	0.0078, 0.1058, 0.0392
CMYK	0.00, 0.10, 0.03, 0.01
HSL	319°, 86%, 94%
HSV	319°, 10%, 99%
XYZ	84.7377, 82.9670, 97.9389
YIQ	237.4130, 9.4430, 10.5870

Conversions

Conversions Part 2

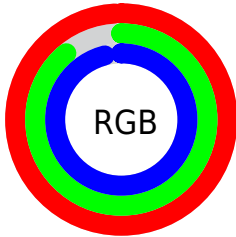
Format	Color
RYB	253, 228, 245
Decimal	16639221
CIELab	93.00, 11.40, -5.13
CIELCh	93, 12.500, 335.769
Yxy	82.9670, 0.3190, 0.3123
Android (android.graphics.Color)	4294829301 (0xFFFDE4F5)
YUV	237.4130, 3.7404, 13.6698
Hunter-Lab	91.0862, 6.6579, 0.0098

Details

The CIELCh color **93, 12.500, 335.769** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **97, 12.425, 154.425**, 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, 12.217, 335.240** is the 20% darker color. If you saturate the color by 10%, you get **87, 25.306, 336.538**, and if you desaturate by 10%, it is **99, 0.142, 157.998**.

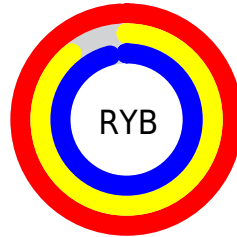
Distribution



Red (99%)

Green (89%)

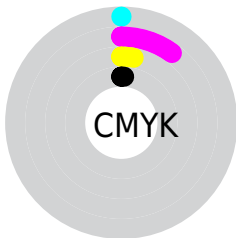
Blue (96%)



Red (99%)

Yellow (89%)

Blue (96%)

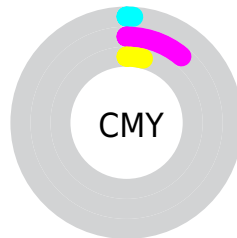


Cyan (0%)

Magenta (10%)

Yellow (3%)

Black (1%)



Cyan (1%)


Magenta (11%)


Yellow (4%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 93, 12.500, 335.769 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, 12.500, 335.769 by changing the saturation by 10% instead.


 93, 12.500,
335.769


 93, 12.500,
335.769


 100, 12.500,
335.769


 83, 12.500,
335.769

 73, 12.500,
335.769

 63, 12.500,
335.769

 53, 12.500,
335.769

 43, 12.500,
335.769

 33, 12.500,
335.769

 23, 12.500,

335.769

■ 13, 12.500,
335.769

■ 3, 12.500, 335.769

■ 93, 12.500,
335.769

■ 93, 12.500,
335.769

■ 87, 25.306,
336.538

■ 99, 0.142, 157.998

■ 81, 38.089,
337.348

100, 0.693,
200.318

■ 75, 50.541,
338.222

■ 70, 62.232,
339.180

■ 65, 72.603,
340.251

■ 62, 81.015,
341.482

■ 59, 86.880,
342.938

■ 57, 89.861,
344.705

■ 56, 90.288,
346.841

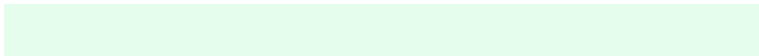
Harmonies

Complementary

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



93, 12.500, 335.769



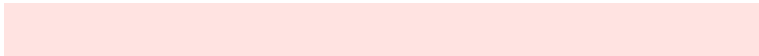
97, 12.425, 154.425

Rectangle

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



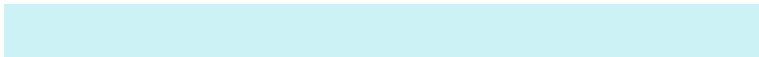
93, 12.500, 335.769



93, 12.500, 25.769



93, 12.500, 155.769



93, 12.500, 205.769

Sweetspot

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



93, 12.497, 335.771



98, 3.800, 335.208



92, 13.278, 303.000



52, 2.882, 335.286



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

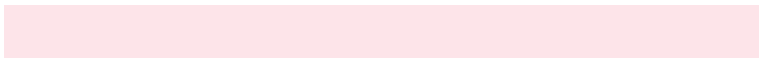
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93, 12.497, 335.771



92, 15.302, 335.932



93, 9.331, 5.393



50, 7.236, 335.743



42, 73.395, 346.450



11, 34.601, 343.597

Inverse Universe

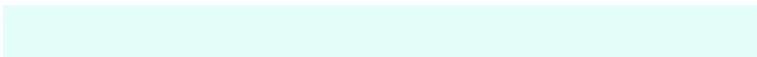
The Inverse Universe completely reimagines the original color for something new.



93, 12.497, 335.771



92, 15.302, 335.932



97, 8.954, 183.723



50, 7.236, 335.743



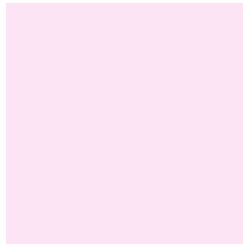
42, 73.395, 346.450



11, 34.601, 343.597

Previews

White Background



This preview shows how the CIELCh color 93, 12.500, 335.769 looks on a white background.

Color Contrast Check

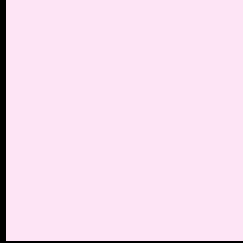
Large Text (above 18pt) WCAG AA × Fail

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, 12.500, 335.769 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

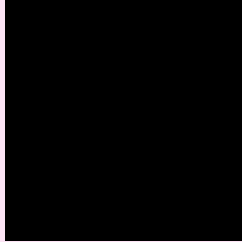
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 93, 12.500, 335.769

Background



This preview shows how black text looks on a background with the CIELCh color 93, 12.500, 335.769.



This preview shows how white text looks on a background with the CIELCh color 93, 12.500, 335.769.

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, 12.500, 335.769

Protanopia

93, 7.245, 293.494

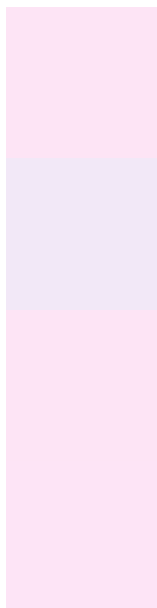
Deuteranopia

93, 12.500, 335.769



Tritanopia
93, 12.862, 334.128

Trichromacy



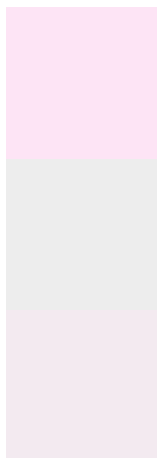
Original Color
93, 12.500, 335.769

Protanomaly
93, 8.542, 314.898

Deuteranomaly
93, 12.500, 335.769

Tritanomaly
93, 12.862, 334.128

Monochromacy



Original Color
93, 12.500, 335.769

Achromatopsia
94, 0.011, 296.813

Achromatomaly
94, 4.470, 335.835

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 12.500, 335.769 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, 245)` looks like.

```
.text, #text, p{  
    color:rgb(253, 228, 245)  
}
```

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, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 228, 245) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 12.500, 335.769 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, 245) }
```

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

```
.border{ border-color:rgb(253, 228, 245) }
```

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, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 228, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 228, 245);  
box-shadow:4px 4px 4px 4px rgb(253, 228,  
245) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 12.500, 335.769 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, 245) }
```

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

```
.background{ background-color: rgb(253,  
228, 245) }
```

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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