

Converting Colors

CIELCh(100, 15.215, 18.134)

Have a look what the booklet for
CIELCh(100, 15.215, 18.134)
contains.

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Color

CIELCh(97, 3.582, 11.287)

Conversions

Conversions Part 1

Format	Color
Hex	FEF4F5
RGB	254, 244, 245
RGB Percent	100%, 96%, 96%
CMY	0.0036, 0.0428, 0.0389
CMYK	0.00, 0.04, 0.04, 0.00
HSL	354°, 85%, 98%
HSV	354°, 4%, 100%
XYZ	89.7764, 92.4403, 99.5691
YIQ	247.1040, 5.6390, 2.4310

Conversions

Conversions Part 2

Format	Color
R_{YB}	254, 244, 245
Decimal	16708853
CIE _{Lab}	97.00, 3.51, 0.70
CIE _{LCh}	97, 3.582, 11.287
Yxy	92.4403, 0.3186, 0.3281
Android (android.graphics.Color)	4294898933 (0xFFFEF4F5)
YUV	247.1040, -1.0373, 6.0478
Hunter-Lab	96.1459, -1.5805, 5.9011

Details

The CIELCh color **97, 3.582, 11.287** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **99, 3.504, 191.057**, and the grayscale version is **97, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **77, 3.399, 10.466** is the 20% darker color. If you saturate the color by 10%, you get **90, 13.112, 12.361**, and if you desaturate by 10%, it is **100, 0.318, 201.471**.

Distribution



Red (100%)

Green (96%)

Blue (96%)



Red (100%)

Yellow (96%)

Blue (96%)



Cyan (0%)

Magenta (4%)

Yellow (4%)

Black (0%)



Cyan (0%)







Magenta (4%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 97, 3.582, 11.287 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 97, 3.582, 11.287 by changing the saturation by 10% instead.

 97, 3.582, 11.287	 97, 3.582, 11.287
 100, 3.582, 11.287	 87, 3.582, 11.287
	 77, 3.582, 11.287
	 67, 3.582, 11.287
	 57, 3.582, 11.287
	 47, 3.582, 11.287
	 37, 3.582, 11.287
	 27, 3.582, 11.287
	 17, 3.582, 11.287
	 7, 3.582, 11.287

97, 3.582, 11.287

97, 3.582, 11.287

90, 13.112, 12.361

100, 0.318,
201.471

84, 23.261, 13.498

77, 33.969, 14.896

71, 45.093, 16.656

66, 56.386, 18.899

61, 67.494, 21.763

58, 78.023, 25.355

55, 87.612, 29.647

54, 95.846, 34.251

Harmonies

Complementary

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



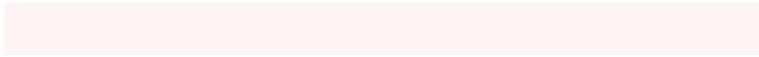
97, 3.582, 11.287



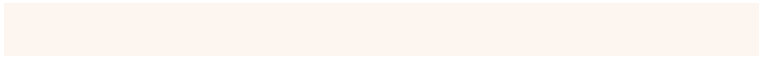
99, 3.504, 191.057

Rectangle

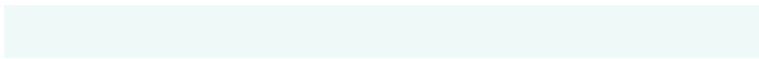
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



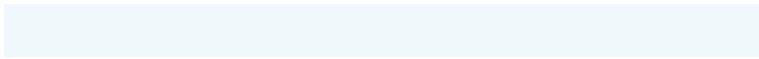
97, 3.582, 11.287



97, 3.582, 61.287



97, 3.582, 191.287



97, 3.582, 241.287

Sweetspot

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



97, 3.580, 11.318



99, 0.907, 10.551



97, 6.033, 321.860



53, 0.516, 10.510



0, 0.000, 0.000



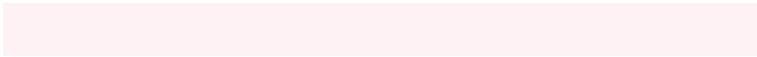
53, 0.007, 296.813

Same Dimension

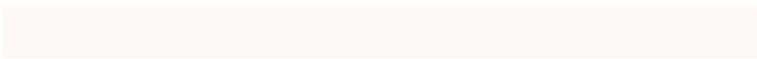
The Same Dimension uses a secret algorithm to generate beautiful new colors.



97, 3.580, 11.318



97, 4.583, 11.446



98, 2.921, 63.312



51, 3.134, 11.524



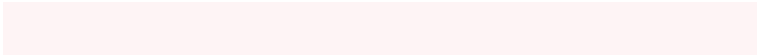
40, 79.995, 35.973



10, 32.604, 23.131

Inverse Universe

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



97, 3.580, 11.318



97, 4.583, 11.446



98, 2.888, 244.496



51, 3.134, 11.524



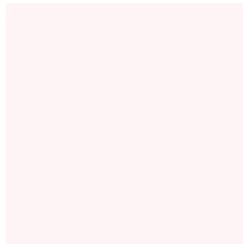
40, 79.995, 35.973



10, 32.604, 23.131

Previews

White Background



This preview shows how the CIELCh color 97, 3.582, 11.287 looks on a white background.

Color Contrast Check

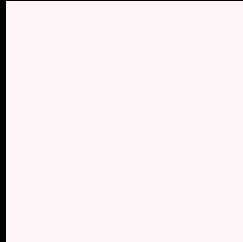
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 97, 3.582, 11.287 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

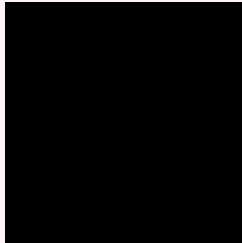
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

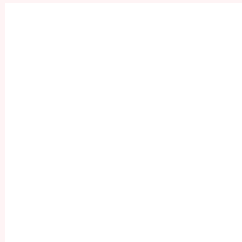
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 97, 3.582, 11.287

Background



This preview shows how black text looks on a background with the CIELCh color 97, 3.582, 11.287.



This preview shows how white text looks on a background with the CIELCh color 97, 3.582, 11.287.

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
97, 3.585, 11.289

Protanopia
97, 2.186, 5.755

Deuteranopia
97, 4.037, 4.883



Tritanopia
97, 6.317, 316.737

Trichromacy



Original Color
97, 3.585, 11.289

Protanomaly
97, 2.532, 7.695

Deuteranomaly
97, 4.037, 4.883

Tritanomaly
97, 4.805, 331.464

Monochromacy



Original Color
97, 3.585, 11.289

Achromatopsia
97, 0.011, 296.813

Achromatomaly
97, 1.411, 19.041

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 97, 3.582, 11.287 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(254, 244, 245)` looks like.

```
.text, #text, p{  
    color:rgb(254, 244, 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(254, 244, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 244, 245) }
```

Border

The CSS property to change the border of an element to CIELCh 97, 3.582, 11.287 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(254, 244, 245) }
```

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

```
.border{ border-color:rgb(254, 244, 245) }
```

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

Here you see how a box with a 4 pixel rgb(254, 244, 245) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 244, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 244, 245);  
box-shadow:4px 4px 4px 4px rgb(254, 244,  
245) }
```

Background

The CSS property to change the background color of an element to CIELCh 97, 3.582, 11.287 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 244, 245) }
```

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

```
.background{ background-color: rgb(254,  
244, 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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