

Converting Colors

CIELCh(97, 1.558, 335.728)

Have a look what the booklet for
CIELCh(97, 1.558, 335.728) contains.

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Color

CIELCh(97, 1.485, 335.473)

Conversions

Conversions Part 1

Format	Color
Hex	F9F6F8
RGB	249, 246, 248
RGB Percent	98%, 96%, 97%
CMY	0.0253, 0.0371, 0.0292
CMYK	0.00, 0.01, 0.00, 0.03
HSL	320°, 19%, 97%
HSV	320°, 1%, 97%
XYZ	88.5949, 92.4403, 101.6102
YIQ	247.1250, 1.1460, 1.2580

Conversions

Conversions Part 2

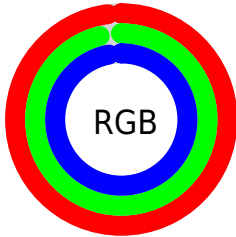
Format	Color
R_{YB}	249, 246, 248
Decimal	16381688
CIE _{Lab}	97.00, 1.35, -0.62
CIE _{LCh}	97, 1.485, 335.473
Yxy	92.4403, 0.3134, 0.3271
Android (android.graphics.Color)	4294571768 (0xFFFF9F6F8)
YUV	247.1250, 0.4314, 1.6444
Hunter-Lab	96.1459, -3.7741, 4.6424

Details

The CIELCh color $97, 1.485, 335.473$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $97, 1.464, 155.880$, 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 $77, 1.556, 335.555$ is the 20% darker color. If you saturate the color by 10%, you get $91, 13.850, 336.456$, and if you desaturate by 10%, it is $100, 2.238, 199.559$.

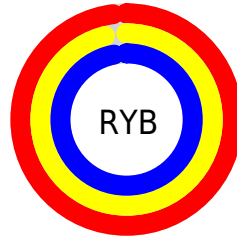
Distribution



Red (98%)

Green (96%)

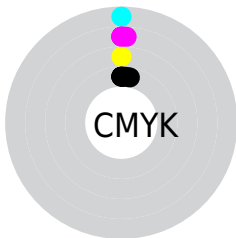
Blue (97%)



Red (98%)

Yellow (96%)

Blue (97%)

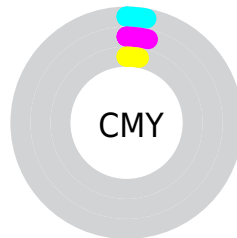


Cyan (0%)

Magenta (1%)

Yellow (0%)

Black (3%)



Cyan (3%)

Magenta (4%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 97, 1.485, 335.473 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, 1.485, 335.473 by changing the saturation by 10% instead.

97, 1.485, 335.473

97, 1.485, 335.473

100, 1.485,
335.473

87, 1.485, 335.473

77, 1.485, 335.473

67, 1.485, 335.473

57, 1.485, 335.473

47, 1.485, 335.473

37, 1.485, 335.473

27, 1.485, 335.473

17, 1.485, 335.473

7, 1.485, 335.473

97, 1.485, 335.473

97, 1.485, 335.473

91, 13.850,
336.456

100, 2.238,
199.559

85, 26.370,
337.240

79, 38.837,
338.074

73, 50.942,
338.981

68, 62.247,
339.982

64, 72.188,
341.113

60, 80.139,
342.426

57, 85.537,
343.996

■ 56, 88.102,
345.916

Harmonies

Complementary

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



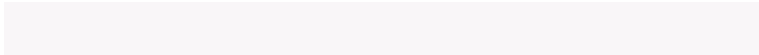
97, 1.485, 335.473



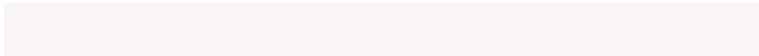
97, 1.464, 155.880

Rectangle

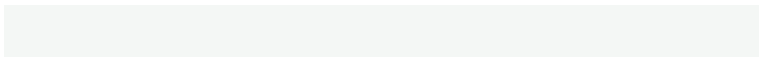
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



97, 1.485, 335.473



97, 1.485, 25.473



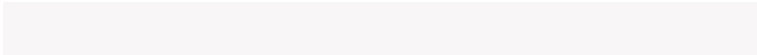
97, 1.485, 155.473



97, 1.485, 205.473

Sweetspot

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



97, 1.482, 335.491

100, 0.012, 296.813



97, 1.586, 303.068



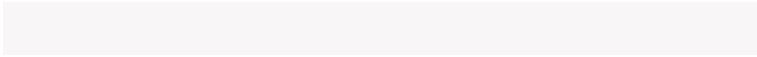
53, 0.007, 296.813



0, 0.000, 0.000

Same Dimension

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



97, 1.482, 335.491



99, 1.257, 335.421



97, 1.091, 5.372



52, 0.703, 335.399



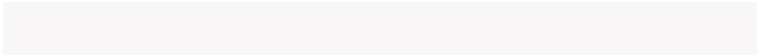
42, 72.089, 347.487



10, 33.473, 344.309

Inverse Universe

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



97, 1.482, 335.491



99, 1.257, 335.421



98, 1.078, 186.289



52, 0.703, 335.399



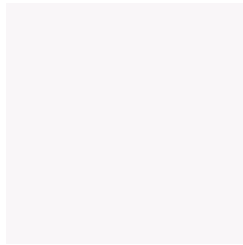
42, 72.089, 347.487



10, 33.473, 344.309

Previews

White Background



This preview shows how the CIE LCh color 97, 1.485, 335.473 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, 1.485, 335.473 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

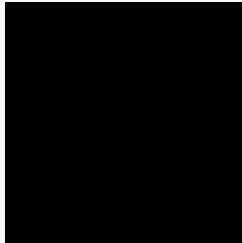
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

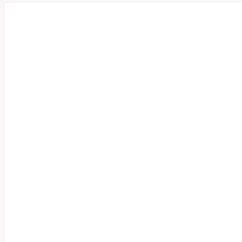
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 97, 1.485, 335.473

Background



This preview shows how black text looks on a background with the CIELCh color 97, 1.485, 335.473.

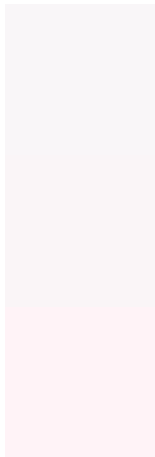


This preview shows how white text looks on a background with the CIELCh color 97, 1.485, 335.473.

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, 1.485, 335.473

Protanopia

97, 2.052, 349.337

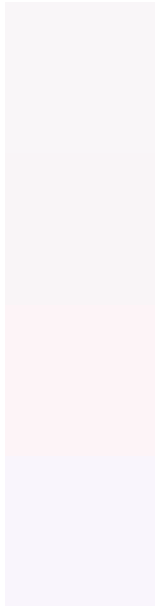
Deuteranopia

97, 4.729, 354.009



Tritanopia
97, 5.326, 305.676

Trichromacy



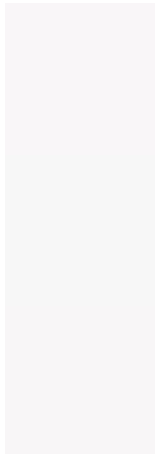
Original Color
97, 1.485, 335.473

Protanomaly
97, 1.756, 343.510

Deuteranomaly
97, 3.545, 353.863

Tritanomaly
97, 3.868, 311.597

Monochromacy



Original Color
97, 1.485, 335.473

Achromatopsia
97, 0.011, 296.813

Achromatomaly
97, 0.882, 343.176

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 97, 1.485, 335.473 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(249, 246, 248)` looks like.

```
.text, #text, p{  
    color:rgb(249, 246, 248)  
}
```

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(249, 246, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 246, 248) }
```

Border

The CSS property to change the border of an element to CIELCh 97, 1.485, 335.473 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(249, 246, 248) }
```

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

```
.border{ border-color:rgb(249, 246, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 246, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 246, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 246, 248);  
box-shadow:4px 4px 4px 4px rgb(249, 246,  
248) }
```

Background

The CSS property to change the background color of an element to CIELCh 97, 1.485, 335.473 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 246, 248) }
```

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

```
.background{ background-color: rgb(249,  
246, 248) }
```

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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