

Converting Colors

CIELCh(100, 18.191, 16.108)

Have a look what the booklet for
CIELCh(100, 18.191, 16.108)
contains.

CIELCh(97, 4.532, 359.827)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(97, 4.532, 359.827)

Conversions

Conversions Part 1

Format	Color
Hex	FFF4F7
RGB	255, 244, 247
RGB Percent	100%, 96%, 97%
CMY	0.0000, 0.0451, 0.0333
CMYK	0.00, 0.05, 0.03, 0.00
HSL	344°, 100%, 98%
HSV	344°, 5%, 100%
XYZ	90.3372, 92.4403, 100.6730
YIQ	247.6310, 5.5930, 3.2650

Conversions

Conversions Part 2

Format	Color
R _Y B	255, 244, 247
Decimal	16774391
CIE Lab	97.00, 4.53, -0.01
CIE LCh	97, 4.532, 359.827
Yxy	92.4403, 0.3187, 0.3261
Android (android.graphics.Color)	4294964471 (0xFFFFF4F7)
YUV	247.6310, -0.3111, 6.4626
Hunter-Lab	96.1459, -0.5395, 5.2204

Details

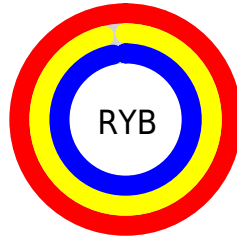
The CIELCh color $97, 4.532, 359.827$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $99, 4.289, 178.465$, and the grayscale version is $97, 0.011, 296.813$.

A 20% lighter version of the original color is $100, 0.012, 296.813$, and $77, 4.061, 356.309$ is the 20% darker color. If you saturate the color by 10%, you get $90, 14.354, 0.153$, and if you desaturate by 10%, it is $100, 0.012, 296.813$.

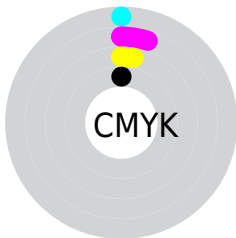
Distribution



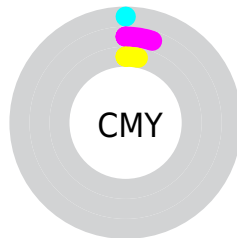
- Red (100%)
- Green (96%)
- Blue (97%)



- Red (100%)
- Yellow (96%)
- Blue (97%)



- Cyan (0%)
- Magenta (5%)
- Yellow (3%)
- Black (0%)



- Cyan (0%)
- Magenta (5%)
- Yellow (3%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 97, 4.532, 359.827 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, 4.532, 359.827 by changing the saturation by 10% instead.

 97, 4.532, 359.827

 97, 4.532, 359.827

 100, 4.532,
359.827

 87, 4.532, 359.827

 77, 4.532, 359.827

 67, 4.532, 359.827

 57, 4.532, 359.827

 47, 4.532, 359.827

 37, 4.532, 359.827

 27, 4.532, 359.827

 17, 4.532, 359.827

 7, 4.532, 359.827

97, 4.532, 359.827

97, 4.532, 359.827

90, 14.354, 0.153

100, 0.012,
296.813

84, 24.753, 1.378

78, 35.431, 2.827

72, 46.164, 4.587

67, 56.609, 6.773

62, 66.320, 9.534

58, 74.838, 13.040

56, 81.869, 17.437

54, 87.492, 22.722

Harmonies

Complementary

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



97, 4.532, 359.827



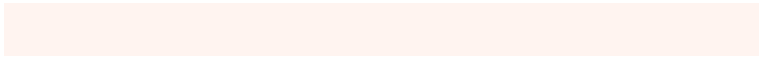
99, 4.289, 178.465

Rectangle

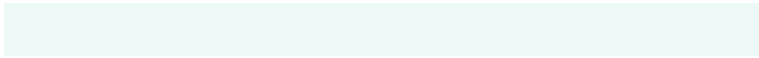
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



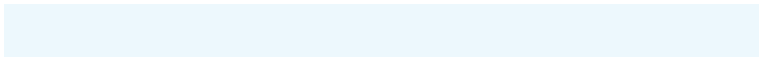
97, 4.532, 359.827



97, 4.532, 49.827



97, 4.532, 179.827



97, 4.532, 229.827

Sweetspot

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



97, 4.361, 359.027



99, 0.963, 358.222



97, 6.613, 316.936



53, 0.548, 358.186



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, 4.361, 359.027



97, 4.842, 359.088



98, 3.402, 43.057



51, 3.309, 359.171



40, 72.173, 24.718



10, 31.644, 15.339

Inverse Universe

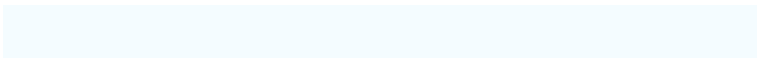
The Inverse Universe completely reimagines the original color for something new.



97, 4.361, 359.027



97, 4.842, 359.088



99, 3.317, 223.785



51, 3.309, 359.171



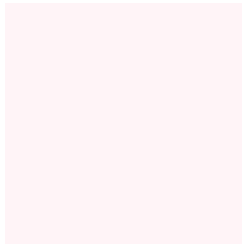
40, 72.173, 24.718



10, 31.644, 15.339

Previews

White Background



This preview shows how the CIE LCh color 97, 4.532, 359.827 looks on a white background.

Color Contrast Check

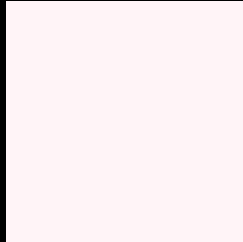
Large Text (above 18pt) WCAG AA × Fail

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, 4.532, 359.827 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

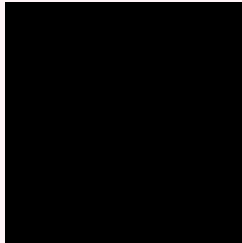
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 97, 4.532, 359.827

Background



This preview shows how black text looks on a background with the CIELCh color 97, 4.532, 359.827.



This preview shows how white text looks on a background with the CIELCh color 97, 4.532, 359.827.

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, 4.195, 358.142

Protanopia

97, 2.052, 349.337

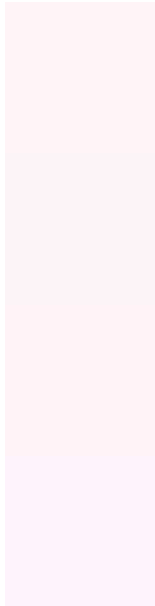
Deuteranopia

97, 4.729, 354.009



Tritanopia
97, 7.103, 319.977

Trichromacy



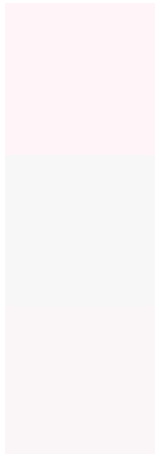
Original Color
97, 4.195, 358.142

Protanomaly
97, 3.230, 351.098

Deuteranomaly
97, 4.729, 354.009

Tritanomaly
97, 6.043, 330.107

Monochromacy



Original Color
97, 4.195, 358.142

Achromatopsia
97, 0.011, 296.813

Achromatomaly
97, 1.508, 359.278

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 97, 4.532, 359.827 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(255, 244, 247)` looks like.

```
.text, #text, p{  
    color:rgb(255, 244, 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(255, 244, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 244, 247) }
```

Border

The CSS property to change the border of an element to CIELCh 97, 4.532, 359.827 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(255, 244, 247) }
```

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

```
.border{ border-color:rgb(255, 244, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 244, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 244, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 244, 247);  
box-shadow:4px 4px 4px 4px rgb(255, 244,  
247) }
```

Background

The CSS property to change the background color of an element to CIELCh 97, 4.532, 359.827 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 244, 247) }
```

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

```
.background{ background-color: rgb(255,  
244, 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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