

Converting Colors

CIELCh(99, 4.741, 150.974)

Have a look what the booklet for
CIELCh(99, 4.741, 150.974) contains.

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Color

CIELCh(99, 4.552, 147.932)

Conversions

Conversions Part 1

Format	Color
Hex	F6FEF7
RGB	246, 254, 247
RGB Percent	96%, 100%, 97%
CMY	0.0342, 0.0028, 0.0303
CMYK	0.03, 0.00, 0.03, 0.00
HSL	127°, 85%, 98%
HSV	127°, 3%, 100%
XYZ	90.4647, 97.4360, 102.2589
YIQ	250.8100, -2.5210, -3.8730

Conversions

Conversions Part 2

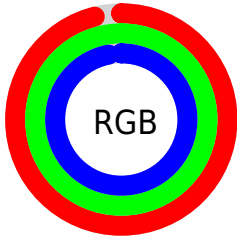
Format	Color
R _Y B	246, 253, 254
Decimal	16187127
CIE Lab	99.00, -3.86, 2.42
CIE LCh	99, 4.552, 147.932
Yxy	97.4360, 0.3118, 0.3358
Android (android.graphics.Color)	4294377207 (0xFFFF6FEF7)
YUV	250.8100, -1.8783, -4.2184
Hunter-Lab	98.7097, -9.1516, 7.6749

Details

The CIELCh color 99, 4.552, 147.932 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 98, 4.576, 328.153, and the grayscale version is 99, 0.012, 296.813.

A 20% lighter version of the original color is 100, 0.012, 296.813, and 79, 4.127, 148.470 is the 20% darker color. If you saturate the color by 10%, you get 97, 19.176, 147.211, and if you desaturate by 10%, it is 100, 0.454, 323.775.

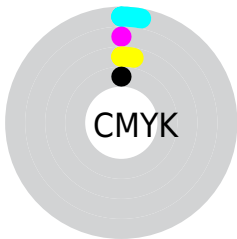
Distribution



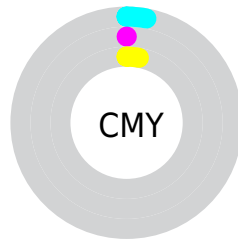
- Red (96%)
- Green (100%)
- Blue (97%)



- Red (96%)
- Yellow (99%)
- Blue (100%)



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



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


Brightness & Saturation Gradients

These gradients show how the CIELCh color 99, 4.552, 147.932 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 99, 4.552, 147.932 by changing the saturation by 10% instead.

 99, 4.552, 147.932

 99, 4.552, 147.932

 100, 4.552,
147.932

 89, 4.552, 147.932

 79, 4.552, 147.932

 69, 4.552, 147.932

 59, 4.552, 147.932

 49, 4.552, 147.932

 39, 4.552, 147.932

 29, 4.552, 147.932

 19, 4.552, 147.932

 9, 4.552, 147.932

99, 4.552, 147.932

99, 4.552, 147.932

97, 19.176,
147.211

100, 0.454,
323.775

95, 33.856,
146.428

93, 48.381,
145.521

91, 62.476,
144.470

90, 75.810,
143.271

89, 88.005,
141.935

88, 98.654,
140.506

88, 107.347,
139.065

■ 88, 113.721,
137.739

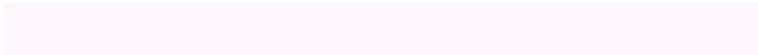
Harmonies

Complementary

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



99, 4.552, 147.932



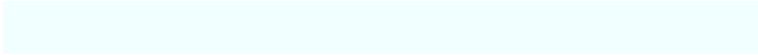
98, 4.576, 328.153

Rectangle

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



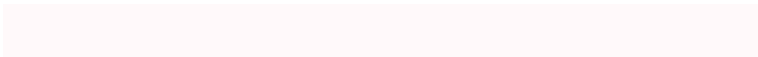
99, 4.552, 147.932



99, 4.552, 197.932



99, 4.552, 327.932



99, 4.552, 17.932

Sweetspot

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



99, 4.555, 147.930



100, 1.440, 148.224



99, 4.069, 114.506



53, 0.819, 148.240



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



99, 4.555, 147.930



99, 5.806, 147.862



99, 3.210, 170.338



53, 4.130, 147.805



68, 93.731, 137.206



23, 41.104, 139.248

Inverse Universe

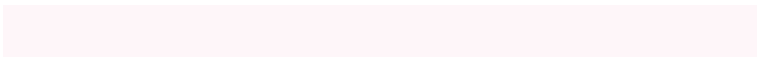
The Inverse Universe completely reimagines the original color for something new.



98, 4.576, 328.153



97, 5.828, 328.219



98, 3.243, 350.569



52, 4.143, 328.273



44, 84.381, 333.941



12, 39.277, 333.170

Previews

White Background



This preview shows how the CIE LCh color 99, 4.552, 147.932 looks on a white background.

Color Contrast Check

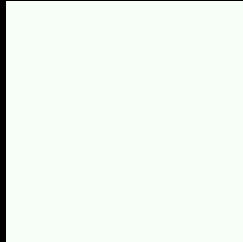
Large Text (above 18pt) WCAG AA × Fail

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 99, 4.552, 147.932 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

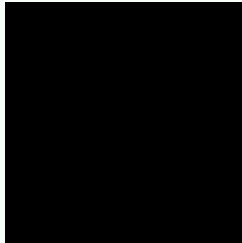
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 99, 4.552, 147.932

Background



This preview shows how black text looks on a background with the CIELCh color 99, 4.552, 147.932.

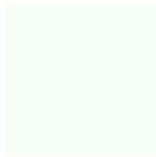


This preview shows how white text looks on a background with the CIELCh color 99, 4.552, 147.932.

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

99, 4.552, 147.932



Protanopia

99, 1.723, 55.170

Deuteranopia

99, 1.502, 359.268

Tritanopia
99, 1.537, 290.342

Trichromacy



Original Color

99, 4.552, 147.932

Protanomaly

99, 2.022, 109.988

Deuteranomaly

99, 1.005, 110.026

Tritanomaly

99, 1.164, 174.061

Monochromacy



Original Color

99, 4.552, 147.932

Achromatopsia

99, 0.012, 296.813

Achromatomaly

99, 1.463, 155.866

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 99, 4.552, 147.932 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(246, 254, 247)` looks like.

```
.text, #text, p{  
    color:rgb(246, 254, 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(246, 254, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 254, 247) }
```

Border

The CSS property to change the border of an element to CIELCh 99, 4.552, 147.932 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(246, 254, 247) }
```

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

```
.border{ border-color:rgb(246, 254, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 254, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 254, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 254, 247);  
box-shadow:4px 4px 4px 4px rgb(246, 254,  
247) }
```

Background

The CSS property to change the background color of an element to CIELCh 99, 4.552, 147.932 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 254, 247) }
```

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

```
.background{ background-color: rgb(246,  
254, 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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