

Converting Colors

CIELCh(100, 3.997, 123.714)

Have a look what the booklet for
CIELCh(100, 3.997, 123.714)
contains.

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Color

CIELCh(100, 3.617, 121.118)

Conversions

Conversions Part 1

Format	Color
Hex	FEFF9
RGB	254, 255, 249
RGB Percent	100%, 100%, 98%
CMY	0.0042, 0.0000, 0.0238
CMYK	0.00, 0.00, 0.02, 0.00
HSL	71°, 100%, 99%
HSV	71°, 2%, 100%
XYZ	93.9850, 100.0000, 103.9035
YIQ	254.0170, 1.3300, -2.0780

Conversions

Conversions Part 2

Format	Color
R _Y B	249, 255, 250
Decimal	16711673
CIE _{Lab}	100.00, -1.87, 3.10
CIE _{LCh}	100, 3.617, 121.118
Y _{xy}	100.0000, 0.3155, 0.3357
Android (android.graphics.Color)	4294901753 (0xFFFEFF9)
Y _{UV}	254.0170, -2.4734, -0.0149
Hunter-Lab	100.0000, -7.2368, 8.3956

Details

The CIELCh color 100, 3.617, 121.118 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 98, 3.139, 297.282, and the grayscale version is 100, 0.012, 296.813.

A 20% lighter version of the original color is 100, 0.012, 296.813, and 80, 2.680, 117.830 is the 20% darker color. If you saturate the color by 10%, you get 99, 16.129, 116.231, and if you desaturate by 10%, it is 100, 0.012, 296.813.

Distribution



- Red (100%)
- Green (100%)
- Blue (98%)



- Red (98%)
- Yellow (100%)
- Blue (98%)



- Cyan (0%)
- Magenta (0%)
- Yellow (2%)
- Black (0%)





- Cyan (0%)
- Magenta (0%)
- Yellow (2%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 100, 3.617, 121.118 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 100, 3.617, 121.118 by changing the saturation by 10% instead.

 100, 3.617,
121.118

 100, 3.617,
121.118

 90, 3.617, 121.118


 99, 16.129,
116.231

 80, 3.617, 121.118


 98, 29.059,
115.504

 70, 3.617, 121.118


 60, 3.617, 121.118


 97, 41.783,
114.784

 50, 3.617, 121.118


 97, 54.133,
114.097


 40, 3.617, 121.118

 30, 3.617, 121.118

 96, 65.857,
113.482

 20, 3.617, 121.118

 95, 76.579,
112.996

 10, 3.617, 121.118

 95, 85.774,

112.713

■ 95, 92.825,
112.725

■ 94, 97.242,
113.110

■ 100, 3.617,
121.118

■ 100, 0.012,
296.813

Harmonies

Complementary

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



100, 3.617, 121.118



98, 3.139, 297.282

Rectangle

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



100, 3.617, 121.118



100, 3.617, 171.118

100, 3.617, 301.118

100, 3.617, 351.118

Sweetspot

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



100, 3.101, 116.947



100, 1.294, 117.046



99, 1.850, 35.316



53, 0.735, 117.050




0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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




100, 3.101, 116.947



100, 3.904, 116.904



100, 3.404, 134.631



53, 2.961, 116.847



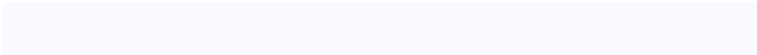
73, 79.699, 113.464



25, 36.037, 112.558

Inverse Universe

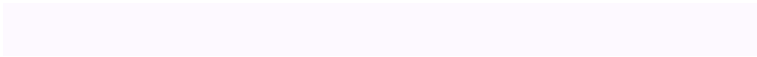
The Inverse Universe completely reimagines the original color for something new.



98, 3.139, 297.282



98, 3.950, 297.327



98, 3.432, 314.708



52, 2.997, 297.387



24, 106.471, 307.062



4, 44.513, 305.113

Previews

White Background



This preview shows how the CIE LCh color 100, 3.617, 111.118 looks on a white background.

Color Contrast Check

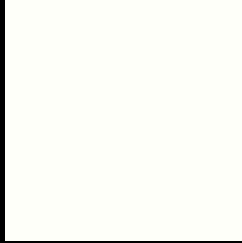
Large Text (above 18pt) WCAG AA × Fail

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 100, 3.617, 121.118 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

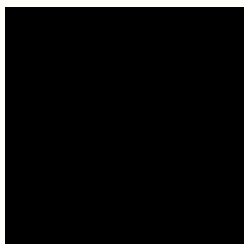
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 100, 3.617, 121.118

Background



This preview shows how black text looks on a background with the CIELCh color 100, 3.617, 121.118.



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

100, 3.057, 116.536

Protanopia

100, 0.351, 17.546

Deuteranopia

100, 0.351, 17.546

Tritanopia
100, 0.519, 290.364

Trichromacy

Original Color

100, 3.057, 116.536

Protanomaly

100, 1.059, 90.707

Deuteranomaly

100, 1.059, 90.707

Tritanomaly

100, 0.496, 109.985

Monochromacy

Original Color

100, 3.057, 116.536

Achromatopsia

100, 0.012, 296.813

Achromatomaly

100, 1.004, 110.026

CSS Examples

Text

The CSS property to change the color of the text to CIElCh 100, 3.617, 121.118 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, 255, 249)` looks like.

```
.text, #text, p{  
    color:rgb(254, 255, 249)  
}
```

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, 255, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 255, 249) }
```

Border

The CSS property to change the border of an element to CIELCh 100, 3.617, 121.118 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, 255, 249) }
```

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

```
.border{ border-color:rgb(254, 255, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 255, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 255, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 255, 249);  
box-shadow:4px 4px 4px 4px rgb(254, 255,  
249) }
```

Background

The CSS property to change the background color of an element to CIELCh 100, 3.617, 121.118 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 255, 249) }
```

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

```
.background{ background-color: rgb(254,  
255, 249) }
```

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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