

Converting Colors

CIELCh(99, 2.145, 196.662)

Have a look what the booklet for
CIELCh(99, 2.145, 196.662) contains.

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Color

CIELCh(99, 2.084, 199.588)

Conversions

Conversions Part 1

Format	Color
Hex	F7FDFD
RGB	247, 253, 253
RGB Percent	97%, 99%, 99%
CMY	0.0299, 0.0064, 0.0064
CMYK	0.02, 0.00, 0.00, 0.01
HSL	180°, 65%, 98%
HSV	180°, 2%, 99%
XYZ	91.5139, 97.4360, 107.2167
YIQ	251.2060, -3.5760, -1.2720

Conversions

Conversions Part 2

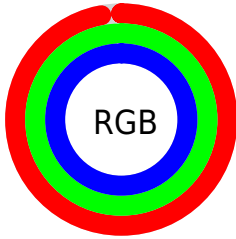
Format	Color
R _Y B	247, 250, 253
Decimal	16252413
CIE Lab	99.00, -1.96, -0.70
CIE LCh	99, 2.084, 199.588
Yxy	97.4360, 0.3090, 0.3290
Android (android.graphics.Color)	4294442493 (0xFFFF7FDFD)
YUV	251.2060, 0.8844, -3.6887
Hunter-Lab	98.7097, -7.2543, 4.6970

Details

The CIELCh color 99, 2.084, 199.588 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 98, 2.119, 19.181, 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, 1.822, 199.563 is the 20% darker color. If you saturate the color by 10%, you get 97, 10.623, 198.733, and if you desaturate by 10%, it is 100, 0.572, 17.603.

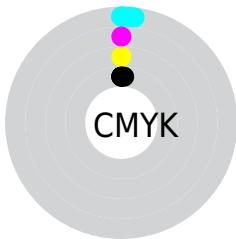
Distribution



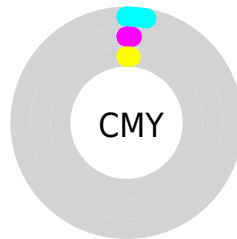
- Red (97%)
- Green (99%)
- Blue (99%)



- Red (97%)
- Yellow (98%)
- Blue (99%)



- Cyan (2%)
- Magenta (0%)
- Yellow (0%)
- Black (1%)



- Cyan (3%)
- Magenta (1%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 99, 2.084, 199.588 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, 2.084, 199.588 by changing the saturation by 10% instead.

 99, 2.084, 199.588

 99, 2.084, 199.588

 100, 2.084,
199.588

 89, 2.084, 199.588

 79, 2.084, 199.588

 69, 2.084, 199.588

 59, 2.084, 199.588

 49, 2.084, 199.588

 39, 2.084, 199.588

 29, 2.084, 199.588

 19, 2.084, 199.588

 9, 2.084, 199.588

99, 2.084, 199.588

99, 2.084, 199.588

97, 10.623,
198.733

100, 0.572, 17.603

100, 0.572, 16.706

96, 18.628,
198.205

100, 0.573, 15.810

94, 25.956,
197.743

100, 0.574, 14.917

93, 32.462,
197.342

100, 0.575, 14.026

100, 0.576, 13.138

92, 38.014,
197.005

100, 0.577, 12.254

92, 42.512,
196.735

100, 0.578, 11.373

100, 0.579, 10.496

91, 45.900,
196.531

91, 48.186,
196.392

■ 91, 49.453,
196.310

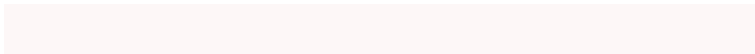
Harmonies

Complementary

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



99, 2.084, 199.588



98, 2.119, 19.181

Rectangle

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



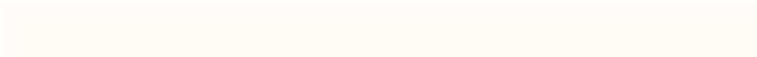
99, 2.084, 199.588



99, 2.084, 249.588



99, 2.084, 19.588



99, 2.084, 69.588

Sweetspot

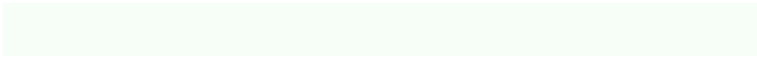
The Sweet Spot groups the original color and five complimentary colors.



99, 2.085, 199.530



100, 0.886, 200.038



99, 3.703, 143.951



53, 0.504, 200.080



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, 2.085, 199.530



99, 2.650, 199.429



98, 1.825, 254.128



53, 2.005, 199.331



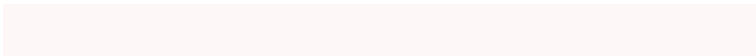
70, 40.385, 196.279



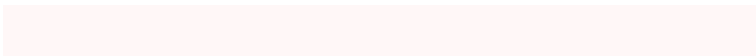
24, 18.578, 196.292

Inverse Universe

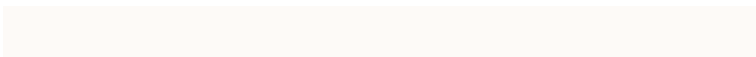
The Inverse Universe completely reimagines the original color for something new.



98, 2.119, 19.181



98, 2.702, 19.285



99, 1.820, 73.059



52, 2.055, 19.387



40, 84.197, 39.972



10, 33.362, 27.149

Previews

White Background



This preview shows how the CIE LCh color 99, 2.084, 199.588 looks on a white background.

Color Contrast Check

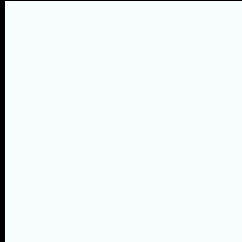
Large Text (above 18pt) WCAG AA × Fail

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, 2.084, 199.588 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

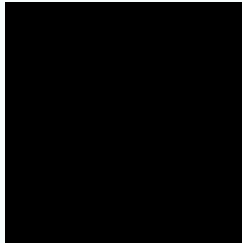
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 99, 2.084, 199.588

Background



This preview shows how black text looks on a background with the CIELCh color 99, 2.084, 199.588.



This preview shows how white text looks on a background with the CIELCh color 99, 2.084, 199.588.

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

A vertical rectangular area divided into three colored sections: a light cyan top section, a light pink middle section, and a light red bottom section. To the right of each section is text describing the color and its corresponding hex and RGB values.

Original Color

99, 2.084, 199.588

Protanopia

99, 1.502, 359.268

Deuteranopia

99, 1.502, 359.268

Tritanopia
99, 1.537, 290.342

Trichromacy



Original Color

99, 2.084, 199.588

Protanomaly

99, 0.012, 296.813

Deuteranomaly

99, 0.012, 296.813

Tritanomaly

99, 1.233, 255.968

Monochromacy



Original Color

99, 2.084, 199.588

Achromatopsia

99, 0.012, 296.813

Achromatomaly

99, 0.697, 200.304

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 99, 2.084, 199.588 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(247, 253, 253)` looks like.

```
.text, #text, p{  
    color:rgb(247, 253, 253)  
}
```

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(247, 253, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 253, 253) }
```

Border

The CSS property to change the border of an element to CIELCh 99, 2.084, 199.588 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(247, 253, 253) }
```

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

```
.border{ border-color:rgb(247, 253, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 253, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 253, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 253, 253);  
box-shadow:4px 4px 4px 4px rgb(247, 253,  
253) }
```

Background

The CSS property to change the background color of an element to CIELCh 99, 2.084, 199.588 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 253, 253) }
```

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

```
.background{ background-color: rgb(247,  
253, 253) }
```

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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