

Converting Colors

CIELCh(100, 4.060, 164.855)

Have a look what the booklet for
CIELCh(100, 4.060, 164.855)
contains.

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Color

CIELCh(99, 2.647, 176.925)

Conversions

Conversions Part 1

Format	Color
Hex	F7FEFC
RGB	247, 254, 252
RGB Percent	97%, 100%, 99%
CMY	0.0325, 0.0050, 0.0129
CMYK	0.03, 0.00, 0.01, 0.01
HSL	163°, 73%, 98%
HSV	163°, 3%, 99%
XYZ	91.1364, 97.4360, 105.8635
YIQ	251.6790, -3.5300, -2.1060

Conversions

Conversions Part 2

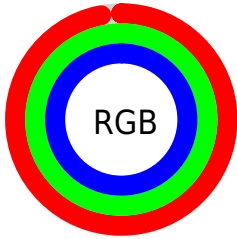
Format	Color
R _Y B	247, 251, 254
Decimal	16252668
CIE Lab	99.00, -2.64, 0.14
CIE LCh	99, 2.647, 176.925
Yxy	97.4360, 0.3095, 0.3309
Android (android.graphics.Color)	4294442748 (0xFF7FEFC)
YUV	251.6790, 0.1583, -4.1035
Hunter-Lab	98.7097, -7.9369, 5.5098

Details

The CIELCh color 99, 2.647, 176.925 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 98, 2.681, 356.971, 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, 2.447, 173.607 is the 20% darker color. If you saturate the color by 10%, you get 97, 12.183, 175.777, and if you desaturate by 10%, it is 100, 0.804, 324.085.

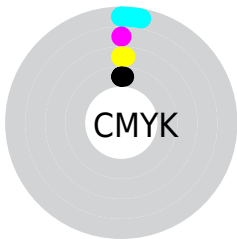
Distribution



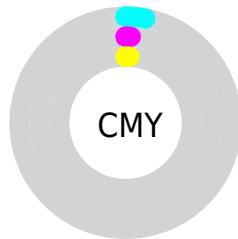
- Red (97%)
- Green (100%)
- Blue (99%)



- Red (97%)
- Yellow (98%)
- Blue (100%)



- Cyan (3%)
- Magenta (0%)
- Yellow (1%)
- Black (1%)



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


Brightness & Saturation Gradients

These gradients show how the CIELCh color 99, 2.647, 176.925 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, 2.647, 176.925 by changing the saturation by 10% instead.

 99, 2.647, 176.925

 99, 2.647, 176.925

 100, 2.647,
176.925

 89, 2.647, 176.925

 79, 2.647, 176.925

 69, 2.647, 176.925

 59, 2.647, 176.925

 49, 2.647, 176.925

 39, 2.647, 176.925

 29, 2.647, 176.925

 19, 2.647, 176.925

 9, 2.647, 176.925

99, 2.647, 176.925

99, 2.647, 176.925

97, 12.183,
175.777

100, 0.804,
324.085

95, 21.469,
174.741

94, 30.361,
173.634

93, 38.697,
172.429

92, 46.311,
171.102

91, 53.057,
169.626

90, 58.827,
167.978

89, 63.578,
166.135

■ 89, 67.357,
164.089

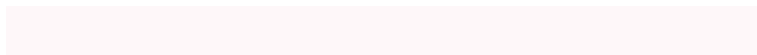
Harmonies

Complementary

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



99, 2.647, 176.925



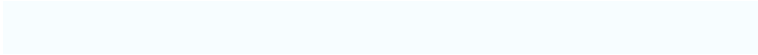
98, 2.681, 356.971

Rectangle

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



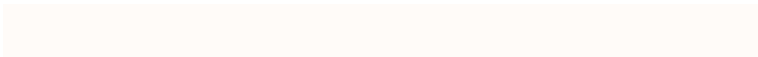
99, 2.647, 176.925



99, 2.647, 226.925



99, 2.647, 356.925



99, 2.647, 46.925

Sweetspot

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



99, 2.649, 176.895



100, 0.962, 177.440



99, 3.959, 135.674



53, 0.547, 177.476



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

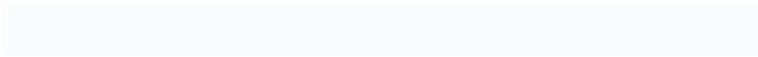
The Same Dimension uses a secret algorithm to generate beautiful new colors.



99, 2.649, 176.895



99, 2.894, 176.855



99, 2.061, 219.857



53, 2.194, 176.739



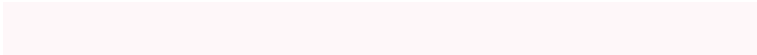
69, 55.953, 162.922



23, 24.634, 165.871

Inverse Universe

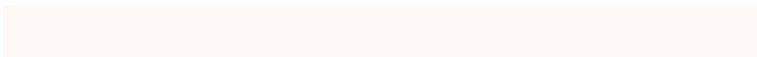
The Inverse Universe completely reimagines the original color for something new.



98, 2.681, 356.971



98, 2.930, 357.011



98, 2.091, 39.110



52, 2.224, 357.128



40, 71.178, 22.507



10, 31.520, 13.701

Previews

White Background



This preview shows how the CIE LCh color 99, 2.647, 176.925 looks on a white background.

Color Contrast Check

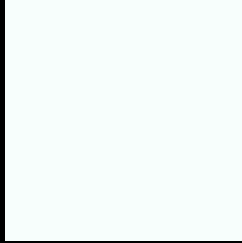
Large Text (above 18pt) WCAG AA × Fail

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, 2.647, 176.925 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

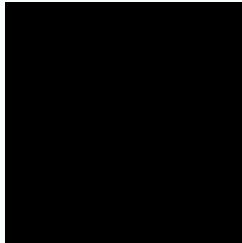
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 99, 2.647, 176.925

Background



This preview shows how black text looks on a background with the CIELCh color 99, 2.647, 176.925.



This preview shows how white text looks on a background with the CIELCh color 99, 2.647, 176.925.

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, 2.649, 176.923

Protanopia

99, 1.406, 19.030

Deuteranopia

99, 1.502, 359.268

Tritanopia
99, 1.537, 290.342

Trichromacy



Original Color

99, 2.649, 176.923

Protanomaly

99, 0.497, 109.986

Deuteranomaly

99, 0.012, 296.813

Tritanomaly

99, 1.158, 226.033

Monochromacy



Original Color

99, 2.649, 176.923

Achromatopsia

99, 0.012, 296.813

Achromatomaly

99, 1.165, 174.059

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 99, 2.647, 176.925 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, 254, 252)` looks like.

```
.text, #text, p{  
    color:rgb(247, 254, 252)  
}
```

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, 254, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 254, 252) }
```

Border

The CSS property to change the border of an element to CIELCh 99, 2.647, 176.925 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, 254, 252) }
```

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

```
.border{ border-color:rgb(247, 254, 252) }
```

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

Here you see how a box with a 4 pixel rgb(247, 254, 252) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 254, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 254, 252);  
box-shadow:4px 4px 4px 4px rgb(247, 254,  
252) }
```

Background

The CSS property to change the background color of an element to CIELCh 99, 2.647, 176.925 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 254, 252) }
```

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

```
.background{ background-color: rgb(247,  
254, 252) }
```

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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