

Converting Colors

CIELCh(99, 3.812, 155.925)

Have a look what the booklet for
CIELCh(99, 3.812, 155.925) contains.

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Color

CIELCh(99, 3.798, 157.370)

Conversions

Conversions Part 1

Format	Color
Hex	F6FEF9
RGB	246, 254, 249
RGB Percent	96%, 100%, 98%
CMY	0.0348, 0.0034, 0.0230
CMYK	0.03, 0.00, 0.02, 0.00
HSL	142°, 82%, 98%
HSV	142°, 3%, 100%
XYZ	90.6590, 97.4360, 103.7627
YIQ	251.0380, -3.1630, -3.2510

Conversions

Conversions Part 2

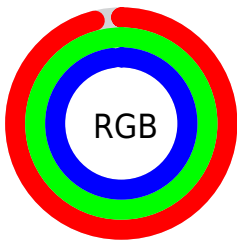
Format	Color
R_{YB}	246, 252, 254
Decimal	16187129
CIE Lab	99.00, -3.51, 1.46
CIE LCh	99, 3.798, 157.370
Yxy	97.4360, 0.3106, 0.3338
Android (android.graphics.Color)	4294377209 (0xFF6FEF9)
YUV	251.0380, -1.0047, -4.4183
Hunter-Lab	98.7097, -8.8002, 6.7717

Details

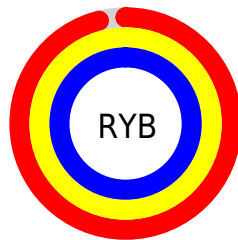
The CIELCh color 99, 3.798, 157.370 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 98, 3.825, 337.595, and the grayscale version is 99, 0.012, 296.813.

A 20% lighter version of the original color is 100, 0.012, 296.813, and 79, 3.354, 159.836 is the 20% darker color. If you saturate the color by 10%, you get 97, 15.955, 156.484, and if you desaturate by 10%, it is 100, 0.541, 323.889.

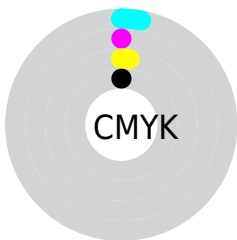
Distribution



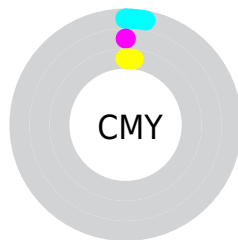
- Red (96%)
- Green (100%)
- Blue (98%)



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



- Cyan (3%)
- Magenta (0%)
- Yellow (2%)
- Black (0%)



- Cyan (3%)
- Magenta (0%)
- Yellow (2%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 99, 3.798, 157.370 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, 3.798, 157.370 by changing the saturation by 10% instead.

 99, 3.798, 157.370

 99, 3.798, 157.370

 100, 3.798,
157.370

 89, 3.798, 157.370

 79, 3.798, 157.370

 69, 3.798, 157.370

 59, 3.798, 157.370

 49, 3.798, 157.370

 39, 3.798, 157.370

 29, 3.798, 157.370

 19, 3.798, 157.370

 9, 3.798, 157.370

99, 3.798, 157.370

99, 3.798, 157.370

97, 15.955,
156.484

100, 0.541,
323.889

95, 28.099,
155.576

93, 40.066,
154.548

92, 51.658,
153.372

91, 62.654,
152.025

90, 72.832,
150.483

89, 81.998,
148.737

88, 90.013,
146.793

■ 88, 96.826,
144.689

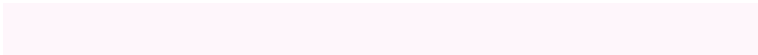
Harmonies

Complementary

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



99, 3.798, 157.370



98, 3.825, 337.595

Rectangle

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



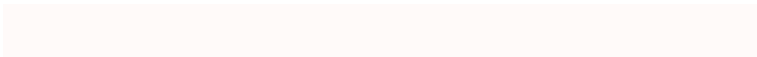
99, 3.798, 157.370



99, 3.798, 207.370



99, 3.798, 337.370



99, 3.798, 27.370

Sweetspot

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



99, 3.801, 157.362



100, 1.202, 157.767



99, 4.195, 124.142



53, 0.683, 157.790



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, 3.801, 157.362



99, 4.844, 157.274



99, 2.838, 188.424



53, 3.445, 157.203



68, 80.738, 143.626



23, 34.723, 146.710

Inverse Universe

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



98, 3.825, 337.595



97, 4.873, 337.681



98, 2.886, 8.511



52, 3.465, 337.751



42, 71.199, 350.838



11, 33.570, 347.199

Previews

White Background



This preview shows how the CIElCh color 99, 3.798, 157.370 looks on a white background.

Color Contrast Check

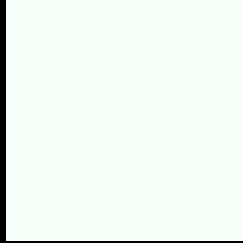
Large Text (above 18pt) WCAG AA × Fail

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, 3.798, 157.370 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

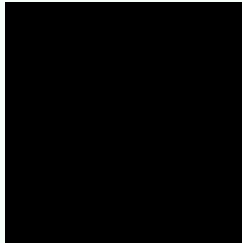
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 99, 3.798, 157.370

Background



This preview shows how black text looks on a background with the CIELCh color 99, 3.798, 157.370.



This preview shows how white text looks on a background with the CIELCh color 99, 3.798, 157.370.

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 bar on the left side of the page is divided into three colored sections: a light green top section, a light orange middle section, and a light pink bottom section. These sections correspond to the 'Original Color', 'Protanopia', and 'Deuteranopia' labels respectively.

Original Color

99, 3.798, 157.370

Protanopia


99, 1.723, 55.170

Deuteranopia

99, 1.502, 359.268

Tritanopia
99, 1.537, 290.342

Trichromacy




Original Color
99, 3.798, 157.370

Protanomaly
99, 1.514, 110.013

Deuteranomaly
99, 0.497, 109.986

Tritanomaly
99, 1.044, 199.970

Monochromacy



Original Color
99, 3.798, 157.370

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, 3.798, 157.370 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, 249)` looks like.

```
.text, #text, p{  
    color:rgb(246, 254, 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(246, 254, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 254, 249) }
```

Border

The CSS property to change the border of an element to CIELCh 99, 3.798, 157.370 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, 249) }
```

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

```
.border{ border-color:rgb(246, 254, 249) }
```

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, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 254, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 254, 249);  
box-shadow:4px 4px 4px 4px rgb(246, 254,  
249) }
```

Background

The CSS property to change the background color of an element to CIELCh 99, 3.798, 157.370 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, 249) }
```

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

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