

Converting Colors

CIELCh(99, 7.835, 117.588)

Have a look what the booklet for
CIELCh(99, 7.835, 117.588) contains.

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Color

CIELCh(99, 7.687, 117.595)

Conversions

Conversions Part 1

Format	Color
Hex	FBFEEF
RGB	251, 254, 239
RGB Percent	98%, 100%, 94%
CMY	0.0165, 0.0047, 0.0636
CMYK	0.01, 0.00, 0.06, 0.00
HSL	72°, 86%, 97%
HSV	72°, 6%, 100%
XYZ	90.6285, 97.4360, 95.5271
YIQ	251.3930, 3.0270, -5.3010

Conversions

Conversions Part 2

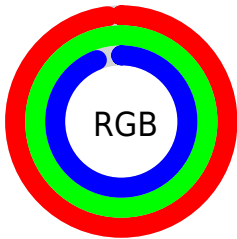
Format	Color
R _Y B	239, 254, 242
Decimal	16514799
CIE Lab	99.00, -3.56, 6.81
CIE LCh	99, 7.687, 117.595
Yxy	97.4360, 0.3196, 0.3436
Android (android.graphics.Color)	4294704879 (0xFFFBFEEF)
YUV	251.3930, -6.1097, -0.3447
Hunter-Lab	98.7097, -8.8554, 11.7184

Details

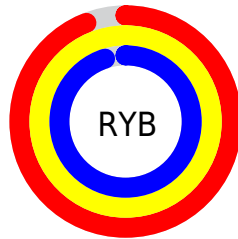
The CIELCh color 99, 7.687, 117.595 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 95, 7.803, 298.416, and the grayscale version is 99, 0.012, 296.813.

A 20% lighter version of the original color is 100, 0.012, 296.813, and 79, 7.539, 118.082 is the 20% darker color. If you saturate the color by 10%, you get 98, 20.676, 116.911, and if you desaturate by 10%, it is 100, 0.760, 324.061.

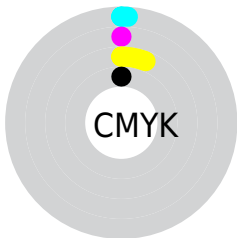
Distribution



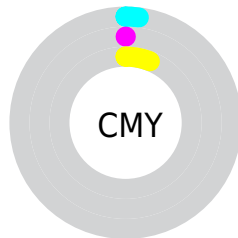
- Red (98%)
- Green (100%)
- Blue (94%)



- Red (94%)
- Yellow (100%)
- Blue (95%)



- Cyan (1%)
- Magenta (0%)
- Yellow (6%)
- Black (0%)



- Cyan (2%)
- Magenta (0%)
- Yellow (6%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 99, 7.687, 117.595 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, 7.687, 117.595 by changing the saturation by 10% instead.

 99, 7.687, 117.595

 99, 7.687, 117.595

 100, 7.687,
117.595

 89, 7.687, 117.595

 79, 7.687, 117.595

 69, 7.687, 117.595

 59, 7.687, 117.595

 49, 7.687, 117.595

 39, 7.687, 117.595

 29, 7.687, 117.595

 19, 7.687, 117.595

 9, 7.687, 117.595

99, 7.687, 117.595

99, 7.687, 117.595

98, 20.676,
116.911

100, 0.760,
324.061

97, 33.536,
116.212

96, 46.143,
115.528

96, 58.304,
114.890

95, 69.731,
114.343

95, 79.999,
113.954

94, 88.543,
113.808

94, 94.759,
114.001

■ 93, 98.293,
114.605

Harmonies

Complementary

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



99, 7.687, 117.595



95, 7.803, 298.416

Rectangle

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



99, 7.687, 117.595



99, 7.687, 167.595



99, 7.687, 297.595



99, 7.687, 347.595

Sweetspot

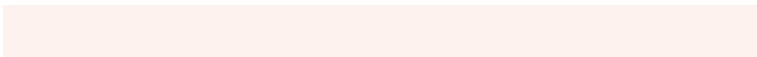
The Sweet Spot groups the original color and five complimentary colors.



99, 7.689, 117.605



100, 2.605, 117.874



96, 4.544, 39.215



53, 1.481, 117.881



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, 7.689, 117.605



99, 9.142, 117.530



98, 8.515, 135.508



53, 5.940, 117.488



72, 80.118, 114.746



25, 36.182, 113.733

Inverse Universe

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



95, 7.803, 298.416



95, 9.293, 298.497



96, 8.572, 315.956



50, 6.045, 298.543



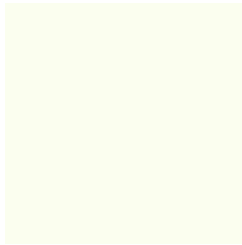
24, 106.181, 307.244



4, 44.558, 305.553

Previews

White Background



This preview shows how the CIE LCh color 99, 7.687, 117.595 looks on a white background.

Color Contrast Check

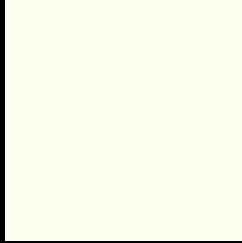
Large Text (above 18pt) WCAG AA × Fail

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, 7.687, 117.595 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

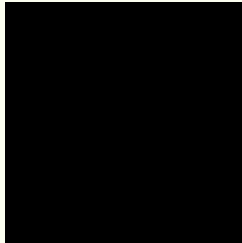
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 99, 7.687, 117.595

Background



This preview shows how black text looks on a background with the CIELCh color 99, 7.687, 117.595.



This preview shows how white text looks on a background with the CIELCh color 99, 7.687, 117.595.

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, 7.687, 117.595



Protanopia
99, 2.732, 87.135

Deuteranopia
99, 1.406, 19.030

Tritanopia
99, 1.581, 303.066

Trichromacy



Original Color

99, 7.687, 117.595

Protanomaly

99, 4.559, 109.818

Deuteranomaly

99, 2.551, 102.009

Tritanomaly

99, 2.055, 119.829

Monochromacy



Original Color

99, 7.687, 117.595



Achromatopsia

99, 0.012, 296.813

Achromatomaly

99, 2.559, 117.865

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 99, 7.687, 117.595 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(251, 254, 239)` looks like.

```
.text, #text, p{  
    color:rgb(251, 254, 239)  
}
```

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(251, 254, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 254, 239) }
```

Border

The CSS property to change the border of an element to CIELCh 99, 7.687, 117.595 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(251, 254, 239) }
```

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

```
.border{ border-color:rgb(251, 254, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 254, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 254, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 254, 239);  
box-shadow:4px 4px 4px 4px rgb(251, 254,  
239) }
```

Background

The CSS property to change the background color of an element to CIELCh 99, 7.687, 117.595 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 254, 239) }
```

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

```
.background{ background-color: rgb(251,  
254, 239) }
```

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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