

Converting Colors

CIE LCh(99, 6.127, 119.104)

Have a look what the booklet for
CIELCh(99, 6.127, 119.104) contains.

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Color

CIELCh(99, 6.184, 119.622)

Conversions

Conversions Part 1

Format	Color
Hex	FBFEF2
RGB	251, 254, 242
RGB Percent	98%, 100%, 95%
CMY	0.0173, 0.0055, 0.0526
CMYK	0.01, 0.00, 0.05, 0.01
HSL	75°, 81%, 97%
HSV	75°, 5%, 99%
XYZ	90.9074, 97.4360, 97.6939
YIQ	251.7350, 2.0640, -4.3680

Conversions

Conversions Part 2

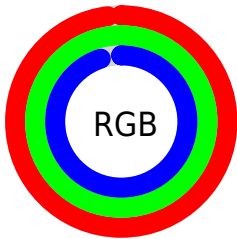
Format	Color
R_{YB}	242, 254, 245
Decimal	16514802
CIE Lab	99.00, -3.06, 5.38
CIE LCh	99, 6.184, 119.622
Yxy	97.4360, 0.3178, 0.3406
Android (android.graphics.Color)	4294704882 (0xFFFBFEF2)
YUV	251.7350, -4.7994, -0.6446
Hunter-Lab	98.7097, -8.3512, 10.4169

Details

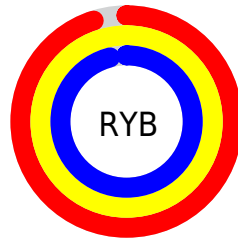
The CIELCh color 99, 6.184, 119.622 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 96, 6.264, 300.215, and the grayscale version is 99, 0.012, 296.813.

A 20% lighter version of the original color is 100, 0.012, 296.813, and 79, 5.966, 120.451 is the 20% darker color. If you saturate the color by 10%, you get 98, 19.258, 118.996, and if you desaturate by 10%, it is 100, 0.886, 324.123.

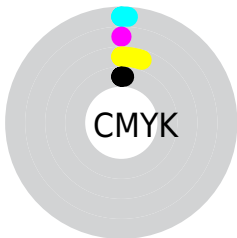
Distribution



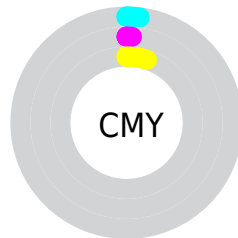
- Red (98%)
- Green (100%)
- Blue (95%)



- Red (95%)
- Yellow (100%)
- Blue (96%)



- Cyan (1%)
- Magenta (0%)
- Yellow (5%)
- Black (1%)



- Cyan (2%)
- Magenta (1%)
- Yellow (5%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 99, 6.184, 119.622 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, 6.184, 119.622 by changing the saturation by 10% instead.

 99, 6.184, 119.622

 99, 6.184, 119.622

 100, 6.184,
119.622

 89, 6.184, 119.622

 79, 6.184, 119.622

 69, 6.184, 119.622

 59, 6.184, 119.622

 49, 6.184, 119.622

 39, 6.184, 119.622

 29, 6.184, 119.622

 19, 6.184, 119.622

 9, 6.184, 119.622

99, 6.184, 119.622

99, 6.184, 119.622

98, 19.258,
118.996

100, 0.886,
324.123

97, 32.223,
118.352

96, 44.962,
117.719

95, 57.291,
117.128

95, 68.937,
116.625

94, 79.497,
116.278

94, 88.425,
116.180

93, 95.116,
116.437

■ 93, 99.165,
117.133

Harmonies

Complementary

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



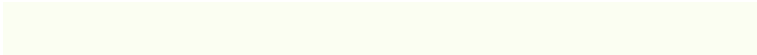
99, 6.184, 119.622



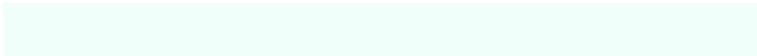
96, 6.264, 300.215

Rectangle

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



99, 6.184, 119.622



99, 6.184, 169.622



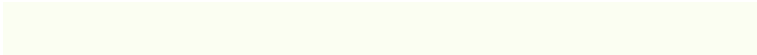
99, 6.184, 299.622



99, 6.184, 349.622

Sweetspot

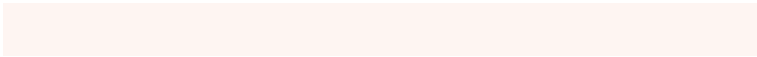
The Sweet Spot groups the original color and five complimentary colors.



99, 6.186, 119.633



100, 1.304, 119.887



97, 3.535, 45.031



53, 0.741, 119.891



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, 6.186, 119.633



99, 7.882, 119.553



99, 6.904, 137.123



53, 5.228, 119.511



72, 81.160, 117.420



25, 36.547, 116.204

Inverse Universe

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



96, 6.264, 300.215



95, 7.994, 300.300



96, 6.944, 317.463



50, 5.308, 300.345



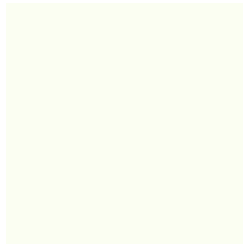
25, 105.458, 307.719



4, 44.658, 306.586

Previews

White Background



This preview shows how the CIE LCh color 99, 6.184, 119.622 looks on a white background.

Color Contrast Check

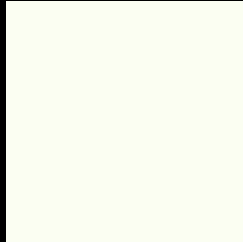
Large Text (above 18pt) WCAG AA × Fail

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, 6.184, 119.622 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

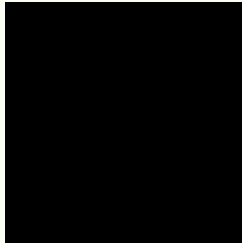
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 99, 6.184, 119.622

Background



This preview shows how black text looks on a background with the CIELCh color 99, 6.184, 119.622.



This preview shows how white text looks on a background with the CIELCh color 99, 6.184, 119.622.

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, 6.184, 119.622

Protanopia

99, 2.732, 87.135

Deuteranopia

99, 1.406, 19.030

Tritanopia
99, 1.581, 303.066

Trichromacy



Original Color

99, 6.184, 119.622

Protanomaly

99, 4.052, 109.855

Deuteranomaly

99, 2.048, 100.089

Tritanomaly

99, 1.557, 123.031

Monochromacy



Original Color

99, 6.184, 119.622



Achromatopsia

99, 0.012, 296.813

Achromatomaly

99, 2.057, 119.829

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 99, 6.184, 119.622 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, 242)` looks like.

```
.text, #text, p{  
    color:rgb(251, 254, 242)  
}
```

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, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 254, 242) }
```

Border

The CSS property to change the border of an element to CIELCh 99, 6.184, 119.622 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, 242) }
```

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

```
.border{ border-color:rgb(251, 254, 242) }
```

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, 242) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 254, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 254, 242);  
box-shadow:4px 4px 4px 4px rgb(251, 254,  
242) }
```

Background

The CSS property to change the background color of an element to CIELCh 99, 6.184, 119.622 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, 242) }
```

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

```
.background{ background-color: rgb(251,  
254, 242) }
```

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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