

Converting Colors

CIELCh(100, 7.807, 131.472)

Have a look what the booklet for
CIELCh(100, 7.807, 131.472)
contains.

CIELCh(99, 6.349, 125.897)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(99, 6.349, 125.897)

Conversions

Conversions Part 1

Format	Color
Hex	F9FEF2
RGB	249, 254, 242
RGB Percent	98%, 100%, 95%
CMY	0.0235, 0.0039, 0.0509
CMYK	0.02, 0.00, 0.05, 0.00
HSL	85°, 86%, 97%
HSV	85°, 5%, 100%
XYZ	90.5392, 97.4360, 98.0477
YIQ	251.1370, 0.8720, -4.7920

Conversions

Conversions Part 2

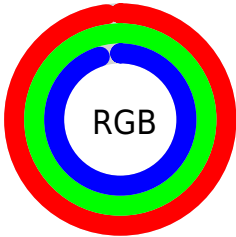
Format	Color
R _Y B	242, 254, 247
Decimal	16383730
CIE Lab	99.00, -3.72, 5.14
CIE LCh	99, 6.349, 125.897
Yxy	97.4360, 0.3165, 0.3407
Android (android.graphics.Color)	4294573810 (0xFF99FF99)
YUV	251.1370, -4.5045, -1.8741
Hunter-Lab	98.7097, -9.0170, 10.2044

Details

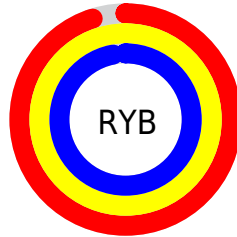
The CIELCh color 99, 6.349, 125.897 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 96, 6.419, 306.327, and the grayscale version is 99, 0.012, 296.813.

A 20% lighter version of the original color is 100, 0.012, 296.813, and 79, 6.052, 123.898 is the 20% darker color. If you saturate the color by 10%, you get 98, 19.836, 125.397, and if you desaturate by 10%, it is 100, 0.626, 323.969.

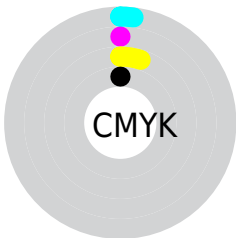
Distribution



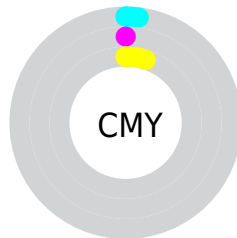
- Red (98%)
- Green (100%)
- Blue (95%)



- Red (95%)
- Yellow (100%)
- Blue (97%)



- Cyan (2%)
- Magenta (0%)
- Yellow (5%)
- Black (0%)



- Cyan (2%)
- Magenta (0%)
- Yellow (5%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 99, 6.349, 125.897 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, 6.349, 125.897 by changing the saturation by 10% instead.

 99, 6.349, 125.897

 99, 6.349, 125.897

 100, 6.349,
125.897

 89, 6.349, 125.897

 79, 6.349, 125.897

 69, 6.349, 125.897

 59, 6.349, 125.897

 49, 6.349, 125.897

 39, 6.349, 125.897

 29, 6.349, 125.897

 19, 6.349, 125.897

 9, 6.349, 125.897

99, 6.349, 125.897

99, 6.349, 125.897

98, 19.836,
125.397

100, 0.626,
323.969

96, 33.259,
124.880

95, 46.491,
124.367


94, 59.346,
123.889

93, 71.549,
123.496

93, 82.702,
123.267

92, 92.267,
123.310

91, 99.643,
123.753

 91, 104.426,
124.697

Harmonies

Complementary

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



99, 6.349, 125.897



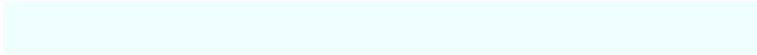
96, 6.419, 306.327

Rectangle

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



99, 6.349, 125.897



99, 6.349, 175.897



99, 6.349, 305.897



99, 6.349, 355.897

Sweetspot

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



99, 6.351, 125.905



100, 1.339, 126.148



98, 3.539, 65.248



53, 0.761, 126.154



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, 6.351, 125.905



99, 8.100, 125.840



99, 7.259, 141.978



53, 5.374, 125.806



70, 85.521, 125.065



24, 38.164, 123.503

Inverse Universe

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



96, 6.419, 306.327



96, 8.196, 306.395



97, 7.285, 322.377



50, 5.441, 306.429



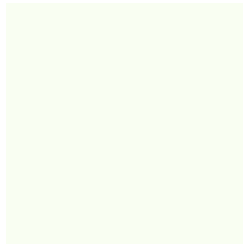
28, 102.320, 310.149



5, 44.909, 310.634

Previews

White Background



This preview shows how the CIE LCh color 99, 6.349, 125.897 looks on a white background.

Color Contrast Check

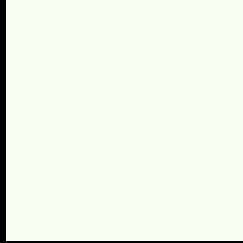
Large Text (above 18pt) WCAG AA × Fail

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, 6.349, 125.897 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

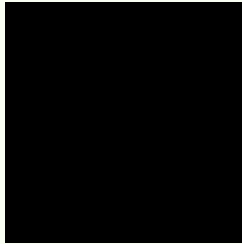
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 99, 6.349, 125.897

Background



This preview shows how black text looks on a background with the CIELCh color 99, 6.349, 125.897.



This preview shows how white text looks on a background with the CIELCh color 99, 6.349, 125.897.

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

The image shows three vertical bars of different colors: a light green bar at the top, a light orange bar in the middle, and a light yellow bar at the bottom. These bars represent the original color and its simulation for different types of dichromacy.

Original Color

99, 6.354, 125.897

Protanopia

99, 2.732, 87.135

Deuteranopia

99, 1.406, 19.030

Tritanopia
99, 1.537, 290.342

Trichromacy



Original Color

99, 6.354, 125.897

Protanomaly

99, 4.052, 109.855

Deuteranomaly

99, 2.048, 100.089

Tritanomaly

99, 1.675, 134.743

Monochromacy



Original Color

99, 6.354, 125.897

Achromatopsia

99, 0.012, 296.813

Achromatomaly

99, 2.149, 129.065

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 99, 6.349, 125.897 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(249, 254, 242)` looks like.

```
.text, #text, p{  
    color:rgb(249, 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(249, 254, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 254, 242) }
```

Border

The CSS property to change the border of an element to CIELCh 99, 6.349, 125.897 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(249, 254, 242) }
```

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

```
.border{ border-color:rgb(249, 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(249, 254, 242) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 254, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 254, 242);  
box-shadow:4px 4px 4px 4px rgb(249, 254,  
242) }
```

Background

The CSS property to change the background color of an element to CIELCh 99, 6.349, 125.897 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 254, 242) }
```

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

```
.background{ background-color: rgb(249,  
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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