

Converting Colors

CIELCh(99, 5.947, 123.072)

Have a look what the booklet for
CIELCh(99, 5.947, 123.072) contains.

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Color

CIELCh(99, 6.260, 122.805)

Conversions

Conversions Part 1

Format	Color
Hex	FAFEF2
RGB	250, 254, 242
RGB Percent	98%, 100%, 95%
CMY	0.0204, 0.0047, 0.0518
CMYK	0.02, 0.00, 0.05, 0.00
HSL	80°, 83%, 97%
HSV	80°, 5%, 100%
XYZ	90.7221, 97.4360, 97.8674
YIQ	251.4360, 1.4680, -4.5800

Conversions

Conversions Part 2

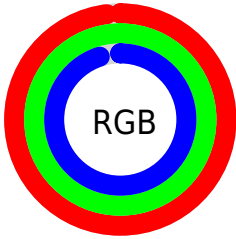
Format	Color
R _Y B	242, 254, 246
Decimal	16449266
CIE Lab	99.00, -3.39, 5.26
CIE LCh	99, 6.260, 122.805
Yxy	97.4360, 0.3172, 0.3407
Android (android.graphics.Color)	4294639346 (0xFFFAFEF2)
YUV	251.4360, -4.6519, -1.2594
Hunter-Lab	98.7097, -8.6863, 10.3127

Details

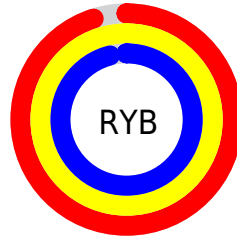
The CIELCh color 99, 6.260, 122.805 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 96, 6.336, 303.307, and the grayscale version is 99, 0.012, 296.813.

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, 19.519, 122.252, and if you desaturate by 10%, it is 100, 0.755, 324.058.

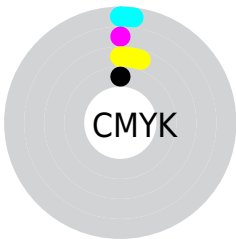
Distribution



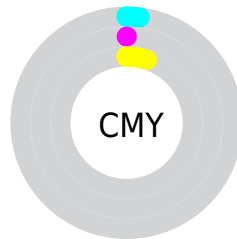
- Red (98%)
- Green (100%)
- Blue (95%)



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



- 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, 6.260, 122.805 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, 6.260, 122.805 by changing the saturation by 10% instead.

 99, 6.260, 122.805

 99, 6.260, 122.805

 100, 6.260,
122.805

 89, 6.260, 122.805

 79, 6.260, 122.805

 69, 6.260, 122.805

 59, 6.260, 122.805

 49, 6.260, 122.805

 39, 6.260, 122.805

 29, 6.260, 122.805

 19, 6.260, 122.805

 9, 6.260, 122.805

99, 6.260, 122.805

99, 6.260, 122.805

98, 19.519,
122.252

100, 0.755,
324.058

97, 32.689,
121.683

96, 45.650,
121.123

95, 58.218,
120.603

94, 70.120,
120.172

93, 80.957,
119.905

93, 90.190,
119.904

92, 97.216,
120.288

■ 92, 101.634,
121.154

Harmonies

Complementary

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



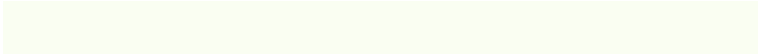
99, 6.260, 122.805



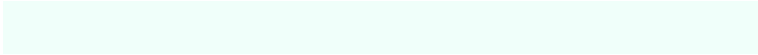
96, 6.336, 303.307

Rectangle

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



99, 6.260, 122.805



99, 6.260, 172.805



99, 6.260, 302.805



99, 6.260, 352.805

Sweetspot

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



99, 6.262, 122.815



100, 1.320, 123.060



97, 3.483, 55.153



53, 0.750, 123.065



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, 6.262, 122.815



99, 7.979, 122.743



99, 7.079, 139.615



53, 5.293, 122.706



71, 83.214, 121.499



24, 37.293, 120.047

Inverse Universe

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



96, 6.336, 303.307



95, 8.084, 303.382



96, 7.111, 319.978



50, 5.367, 303.420



26, 104.002, 308.766



5, 44.811, 308.513

Previews

White Background



This preview shows how the CIE LCh color 99, 6.260, 122.805 looks on a white background.

Color Contrast Check

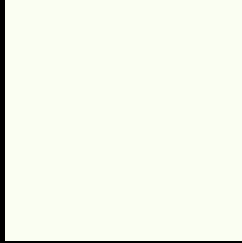
Large Text (above 18pt) WCAG AA × Fail

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, 6.260, 122.805 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

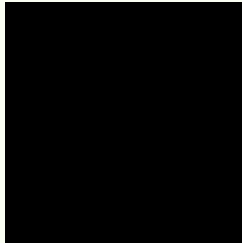
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 99, 6.260, 122.805

Background



This preview shows how black text looks on a background with the CIELCh color 99, 6.260, 122.805.



This preview shows how white text looks on a background with the CIELCh color 99, 6.260, 122.805.

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, 6.260, 122.805

Protanopia

99, 2.732, 87.135

Deuteranopia

99, 1.406, 19.030

Tritanopia
99, 1.537, 290.342

Trichromacy



Original Color

99, 6.260, 122.805

Protanomaly

99, 4.052, 109.855

Deuteranomaly

99, 2.048, 100.089

Tritanomaly

99, 1.675, 134.743

Monochromacy



Original Color

99, 6.260, 122.805

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, 6.260, 122.805 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(250, 254, 242)` looks like.

```
.text, #text, p{  
    color:rgb(250, 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(250, 254, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 254, 242) }
```

Border

The CSS property to change the border of an element to CIELCh 99, 6.260, 122.805 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(250, 254, 242) }
```

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

```
.border{ border-color:rgb(250, 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(250, 254, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 254, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 254, 242);  
box-shadow:4px 4px 4px 4px rgb(250, 254,  
242) }
```

Background

The CSS property to change the background color of an element to CIELCh 99, 6.260, 122.805 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 254, 242) }
```

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

```
.background{ background-color: rgb(250,  
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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