

Converting Colors

CIELCh(59, 62.344, 102.657)

Have a look what the booklet for
CIELCh(59, 62.344, 102.657)
contains.

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Color

CIELCh(59, 62.451, 102.621)

Conversions

Conversions Part 1

Format	Color
Hex	94930B
RGB	148, 147, 11
RGB Percent	58%, 58%, 4%
CMY	0.4213, 0.4250, 0.9561
CMYK	0.00, 0.01, 0.92, 0.42
HSL	60°, 86%, 31%
HSV	60°, 92%, 58%
XYZ	22.5714, 27.0277, 4.3495
YIQ	131.7950, 44.2520, -42.0840

Conversions

Conversions Part 2

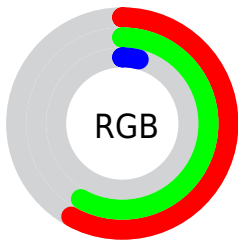
Format	Color
R _Y B	12, 148, 11
Decimal	9736971
CIE Lab	59.00, -13.65, 60.94
CIE LCh	59, 62.451, 102.621
Yxy	27.0277, 0.4184, 0.5010
Android (android.graphics.Color)	4287927051 (0xFF94930B)
YUV	131.7950, -59.5519, 14.2118
Hunter-Lab	51.9882, -13.4811, 31.4314

Details

The CIELCh color **59, 62.451, 102.621** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **18, 84.587, 305.317**, and the grayscale version is **55, 0.007, 296.813**.

A 20% lighter version of the original color is **79, 62.802, 102.867**, and **39, 47.798, 105.248** is the 20% darker color. If you saturate the color by 10%, you get **59, 64.127, 102.418**, and if you desaturate by 10%, it is **59, 59.292, 102.996**.

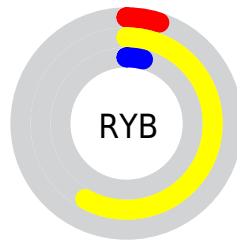
Distribution



Red (58%)

Green (58%)

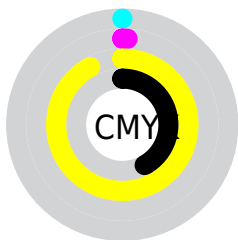
Blue (4%)



Red (5%)

Yellow (58%)

Blue (4%)

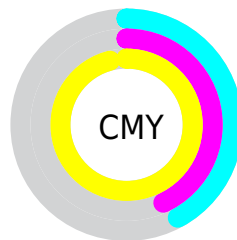


Cyan (0%)

Magenta (1%)

Yellow (92%)

Black (42%)



Cyan (42%)


Magenta (43%)


Yellow (96%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 59, 62.451, 102.621 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 59, 62.451, 102.621 by changing the saturation by 10% instead.


 59, 62.451,
102.621


 59, 62.451,
102.621


 100, 62.451,
102.621


 49, 62.451,
102.621


 79, 62.451,
102.621

 39, 62.451,
102.621

 89, 62.451,
102.621

 29, 62.451,
102.621

 99, 62.451,
102.621

 19, 62.451,
102.621

 9, 62.451, 102.621

 0, 62.451, 102.621

■ 59, 62.451,
102.621

■ 59, 62.451,
102.621

■ 59, 64.127,
102.418

■ 59, 59.292,
102.996

■ 59, 54.541,
103.542

■ 59, 48.538,
104.234

■ 60, 41.656,
105.034

■ 60, 34.197,
105.909

■ 60, 26.378,
106.831

■ 60, 18.345,
107.775

■ 61, 10.192,

108.724

■ 61, 1.979, 109.646

Harmonies

Complementary

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



59, 62.451, 102.621



18, 84.587, 305.317

Rectangle

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



59, 62.451, 102.621



59, 62.451, 152.621



59, 62.451, 282.621



59, 62.451, 332.621

Sweetspot

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



59, 62.451, 102.623



76, 28.222, 107.193



31, 64.564, 36.668



40, 19.586, 106.821



89, 0.011, 296.813



41, 0.006, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



59, 62.451, 102.623



75, 77.644, 102.409



55, 69.501, 126.563



31, 4.648, 109.027



55, 60.974, 102.420



3, 4.083, 109.896

Inverse Universe

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



18, 84.587, 305.317



23, 107.460, 306.206



24, 79.753, 311.965



28, 4.746, 290.827



15, 84.254, 306.166



0, 4.084, 289.897

Previews

White Background



This preview shows how the CIELCh color 59, 62.451, 102.621 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the CIELCh color 59, 62.451, 102.621 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 × Fail

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

CIELCh 59, 62.451, 102.621

Background



This preview shows how black text looks on a background with the CIELCh color 59, 62.451, 102.621.



This preview shows how white text looks on a background with the CIELCh color 59, 62.451, 102.621.

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

59, 62.611, 102.605

Protanopia

59, 61.883, 95.129

Deuteranopia

59, 59.888, 82.998



Tritanopia
59, 10.325, 343.446

Trichromacy



Original Color
59, 62.611, 102.605

Protanomaly
59, 61.987, 98.247

Deuteranomaly
59, 60.103, 90.037

Tritanomaly
59, 24.395, 92.866

Monochromacy



Original Color
59, 62.611, 102.605

Achromatopsia
55, 0.007, 296.813

Achromatomaly
56, 28.042, 106.777

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 62.451, 102.621 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(148, 147, 11)` looks like.

```
.text, #text, p{  
    color:rgb(148, 147, 11)  
}
```

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(148, 147, 11) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 147, 11) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 62.451, 102.621 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(148, 147, 11) }
```

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

```
.border{ border-color:rgb(148, 147, 11) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 147, 11)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 147, 11); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 147, 11);  
box-shadow:4px 4px 4px 4px rgb(148, 147,  
11) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 62.451, 102.621 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 147, 11) }
```

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

```
.background{ background-color: rgb(148,  
147, 11) }
```

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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