

Converting Colors

CIELCh(59, 64.659, 104.236)

Have a look what the booklet for
CIELCh(59, 64.659, 104.236)
contains.

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Color

CIELCh(59, 64.636, 104.497)

Conversions

Conversions Part 1

Format	Color
Hex	909400
RGB	144, 148, 0
RGB Percent	56%, 58%, 0%
CMY	0.4361, 0.4204, 1.0000
CMYK	0.03, 0.00, 1.00, 0.42
HSL	62°, 100%, 29%
HSV	62°, 100%, 58%
XYZ	22.0216, 27.0277, 4.0446
YIQ	129.9320, 45.1240, -46.8760

Conversions

Conversions Part 2

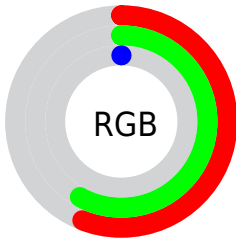
Format	Color
RYB	0, 148, 4
Decimal	9475072
CIELab	59.00, -16.18, 62.58
CIELCh	59, 64.636, 104.497
Yxy	27.0277, 0.4148, 0.5091
Android (android.graphics.Color)	4287665152 (0xFF909400)
YUV	129.9320, -64.0565, 12.3376
Hunter-Lab	51.9882, -15.3688, 31.7791

Details

The CIELCh color **59, 64.636, 104.497** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **16, 88.957, 306.392**, and the grayscale version is **55, 0.007, 296.813**.

A 20% lighter version of the original color is **79, 64.767, 104.667**, and **39, 48.344, 108.149** is the 20% darker color. If you saturate the color by 10%, you get **59, 64.575, 104.507**, and if you desaturate by 10%, it is **59, 62.270, 104.638**.

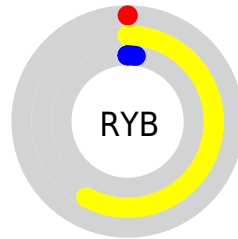
Distribution



Red (56%)

Green (58%)

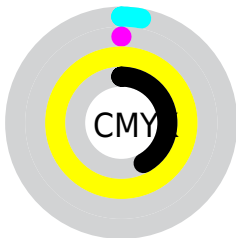
Blue (0%)



Red (0%)

Yellow (58%)

Blue (2%)

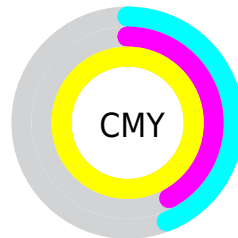


Cyan (3%)

Magenta (0%)

Yellow (100%)

Black (42%)



Cyan (44%)


Magenta (42%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 59, 64.636, 104.497 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, 64.636, 104.497 by changing the saturation by 10% instead.


 59, 64.636,
104.497

 59, 64.636,
104.497

 100, 64.636,
104.497

 49, 64.636,
104.497

 79, 64.636,
104.497

 39, 64.636,
104.497

 89, 64.636,
104.497

 29, 64.636,
104.497

 99, 64.636,
104.497

 19, 64.636,
104.497

 9, 64.636, 104.497

 0, 64.636, 104.497

■ 59, 64.636,
104.497

■ 59, 64.636,
104.497

■ 59, 64.575,
104.507

■ 59, 62.270,
104.638

■ 59, 58.680,
104.933

■ 59, 53.566,
105.425

■ 59, 47.287,
106.073

■ 60, 40.202,
106.835

■ 60, 32.592,
107.671

■ 60, 24.655,
108.551

■ 60, 16.524,

109.451

■ 61, 8.284, 110.352

Harmonies

Complementary

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



59, 64.636, 104.497



16, 88.957, 306.392

Rectangle

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



59, 64.636, 104.497



59, 64.636, 154.497



59, 64.636, 284.497



59, 64.636, 334.497

Sweetspot

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



59, 64.575, 104.507



76, 30.407, 108.497



30, 68.762, 39.619



40, 20.848, 108.157



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, 64.575, 104.507



75, 78.107, 104.540



55, 72.825, 128.297



31, 4.683, 110.423



55, 61.327, 104.497



3, 4.114, 111.248

Inverse Universe

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



16, 88.957, 306.392



23, 107.645, 306.364



23, 82.649, 312.482



28, 4.782, 292.130



15, 84.470, 306.401



0, 4.115, 291.249

Previews

White Background



This preview shows how the CIELCh color 59, 64.636, 104.497 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 CIE LCh color 59, 64.636, 104.497 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

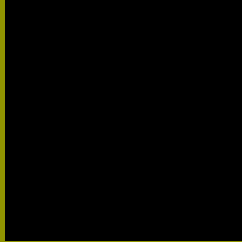
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 59, 64.636, 104.497

Background



This preview shows how black text looks on a background with the CIELCh color 59, 64.636, 104.497.



This preview shows how white text looks on a background with the CIELCh color 59, 64.636, 104.497.

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, 64.636, 104.497

Protanopia

59, 63.289, 95.139

Deuteranopia

59, 60.148, 83.052



Tritanopia
59, 9.115, 337.256

Trichromacy



Original Color
59, 64.636, 104.497

Protanomaly
59, 63.491, 98.611

Deuteranomaly
59, 60.930, 91.492

Tritanomaly
58, 26.598, 98.540

Monochromacy



Original Color
59, 64.636, 104.497

Achromatopsia
54, 0.007, 296.813

Achromatomaly
55, 29.699, 107.409

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 64.636, 104.497 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(144, 148, 0)` looks like.

```
.text, #text, p{  
    color:rgb(144, 148, 0)  
}
```

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(144, 148, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 148, 0) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 64.636, 104.497 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(144, 148, 0) }
```

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

```
.border{ border-color:rgb(144, 148, 0) }
```

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

Here you see how a box with a 4 pixel rgb(144, 148, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 148, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 148, 0);  
box-shadow:4px 4px 4px 4px rgb(144, 148,  
0) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 64.636, 104.497 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 148, 0) }
```

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

```
.background{ background-color: rgb(144,  
148, 0) }
```

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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