

Converting Colors

CIELCh(59, 71.812, 94.419)

Have a look what the booklet for
CIELCh(59, 71.812, 94.419) contains.

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Color

CIELCh(59, 63.439, 94.293)

Conversions

Conversions Part 1

Format	Color
Hex	A28E00
RGB	162, 142, 0
RGB Percent	64%, 56%, 0%
CMY	0.3647, 0.4431, 1.0000
CMYK	0.00, 0.12, 1.00, 0.36
HSL	53°, 100%, 32%
HSV	53°, 100%, 64%
XYZ	24.5735, 27.0277, 3.9217
YIQ	131.7920, 57.5020, -39.9220

Conversions

Conversions Part 2

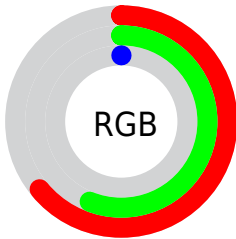
Format	Color
R_{YB}	23, 162, 0
Decimal	10653184
CIE _{Lab}	59.00, -4.75, 63.26
CIE _{LCh}	59, 63.439, 94.293
Yxy	27.0277, 0.4426, 0.4868
Android (android.graphics.Color)	4288843264 (0xFFA28E00)
YUV	131.7920, -64.9735, 26.4924
Hunter-Lab	51.9882, -6.6070, 31.9192

Details

The CIELCh color **59, 63.439, 94.293** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **20, 88.812, 304.308**, and the grayscale version is **55, 0.007, 296.813**.

A 20% lighter version of the original color is **79, 63.197, 94.006**, and **39, 46.607, 94.039** is the 20% darker color. If you saturate the color by 10%, you get **59, 63.440, 94.295**, and if you desaturate by 10%, it is **60, 61.312, 95.220**.

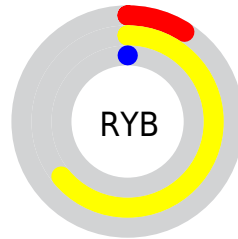
Distribution



Red (64%)

Green (56%)

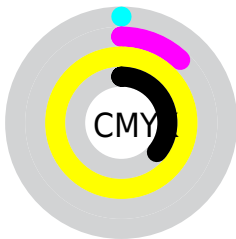
Blue (0%)



Red (9%)

Yellow (64%)

Blue (0%)

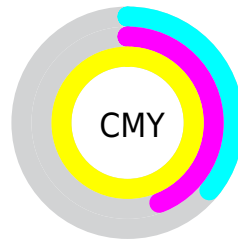


Cyan (0%)

Magenta (12%)

Yellow (100%)

Black (36%)



Cyan (36%)

Magenta (44%)

Yellow (100%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 63.439, 94.293 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, 63.439, 94.293 by changing the saturation by 10% instead.

 59, 63.439, 94.293

 59, 63.439, 94.293

 100, 63.439,
94.293

 49, 63.439, 94.293

 79, 63.439, 94.293

 39, 63.439, 94.293

 89, 63.439, 94.293

 29, 63.439, 94.293

 99, 63.439, 94.293

 19, 63.439, 94.293

 9, 63.439, 94.293

 0, 63.439, 94.293

 59, 63.439, 94.293

 59, 63.439, 94.293

 59, 63.440, 94.295

 60, 61.312, 95.220

 60, 57.666, 96.171

■ 61, 52.400, 97.163

■ 62, 46.001, 98.198

■ 62, 38.890, 99.266

■ 63, 31.364,
100.353

■ 64, 23.614,
101.444

■ 65, 15.759,
102.527

■ 66, 7.869, 103.588

Harmonies

Complementary

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



59, 63.439, 94.293



20, 88.812, 304.308

Rectangle

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



59, 63.439, 94.293



59, 63.439, 144.293



59, 63.439, 274.293



59, 63.439, 324.293

Sweetspot

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



59, 63.438, 94.295



81, 29.358, 101.381



33, 68.785, 33.462



43, 20.165, 100.943



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



59, 63.438, 94.295



75, 77.281, 94.113



61, 74.265, 122.783



34, 4.480, 103.663



53, 58.632, 94.381



4, 6.734, 102.815

Inverse Universe

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



20, 88.812, 304.308



28, 109.687, 304.661



22, 91.254, 309.400



32, 4.552, 285.676



18, 81.517, 304.128



1, 7.077, 285.226

Previews

White Background



This preview shows how the CIELCh color 59, 63.439, 94.293 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, 63.439, 94.293 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

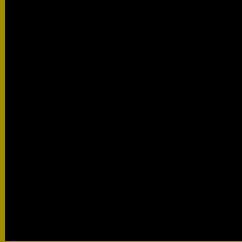
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 59, 63.439, 94.293

Background



This preview shows how black text looks on a background with the CIELCh color 59, 63.439, 94.293.

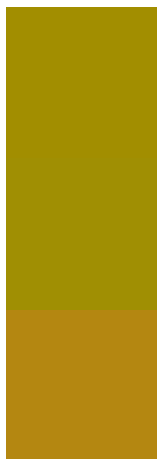


This preview shows how white text looks on a background with the CIELCh color 59, 63.439, 94.293.

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, 63.439, 94.293

Protanopia

59, 63.065, 95.610

Deuteranopia

59, 61.733, 82.928



Tritanopia
59, 16.167, 0.849

Trichromacy



Original Color
59, 63.439, 94.293

Protanomaly
59, 63.290, 95.186

Deuteranomaly
59, 62.130, 87.552

Tritanomaly
59, 29.616, 79.126

Monochromacy



Original Color
59, 63.439, 94.293

Achromatopsia
55, 0.007, 296.813

Achromatomaly
56, 29.335, 100.526

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 63.439, 94.293 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(162, 142, 0)` looks like.

```
.text, #text, p{  
    color:rgb(162, 142, 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(162, 142, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 142, 0) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 63.439, 94.293 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(162, 142, 0) }
```

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

```
.border{ border-color:rgb(162, 142, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 142, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 142, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 142, 0);  
box-shadow:4px 4px 4px 4px rgb(162, 142,  
0) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 63.439, 94.293 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 142, 0) }
```

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

```
.background{ background-color: rgb(162,  
142, 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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