

Converting Colors

CIELCh(61, 59.766, 119.227)

Have a look what the booklet for
CIELCh(61, 59.766, 119.227)
contains.

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Color

CIELCh(61, 59.754, 119.225)

Conversions

Conversions Part 1

Format	Color
Hex	7B9F2E
RGB	123, 159, 46
RGB Percent	48%, 62%, 18%
CMY	0.5172, 0.3761, 0.8192
CMYK	0.23, 0.00, 0.71, 0.38
HSL	79°, 55%, 40%
HSV	79°, 71%, 62%
XYZ	21.0941, 29.2481, 7.1293
YIQ	135.3540, 14.8170, -42.7750

Conversions

Conversions Part 2

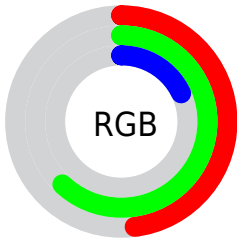
Format	Color
RYB	46, 159, 82
Decimal	8101678
CIELab	61.00, -29.17, 52.15
CIELCh	61, 59.754, 119.225
Yxy	29.2481, 0.3670, 0.5089
Android (android.graphics.Color)	4286291758 (0xFF7B9F2E)
YUV	135.3540, -44.0515, -10.8345
Hunter-Lab	54.0815, -25.0201, 30.0411

Details

The CIELCh color **61, 59.754, 119.225** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **30, 70.314, 307.797**, and the grayscale version is **57, 0.007, 296.813**.

A 20% lighter version of the original color is **81, 59.862, 119.375**, and **41, 54.434, 121.247** is the 20% darker color. If you saturate the color by 10%, you get **61, 65.476, 119.346**, and if you desaturate by 10%, it is **61, 52.798, 119.400**.

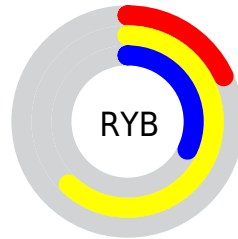
Distribution



Red (48%)

Green (62%)

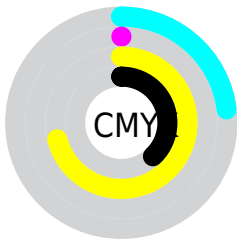
Blue (18%)



Red (18%)

Yellow (62%)

Blue (32%)

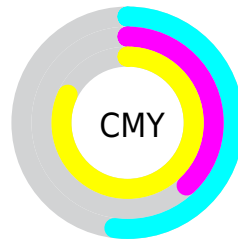


Cyan (23%)

Magenta (0%)

Yellow (71%)

Black (38%)



Cyan (52%)


Magenta (38%)


Yellow (82%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 59.754, 119.225 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 61, 59.754, 119.225 by changing the saturation by 10% instead.


 61, 59.754,
119.225


 61, 59.754,
119.225


 100, 59.754,
119.225


 51, 59.754,
119.225


 81, 59.754,
119.225

 41, 59.754,
119.225

 91, 59.754,
119.225

 31, 59.754,
119.225

 21, 59.754,
119.225

 11, 59.754,
119.225

 1, 59.754, 119.225

 0, 59.754, 119.225

■ 61, 59.754,
119.225

■ 61, 59.754,
119.225

■ 61, 65.476,
119.346

■ 61, 52.798,
119.400

■ 60, 69.597,
119.864

■ 62, 44.985,
119.766

■ 60, 72.174,
120.597

■ 63, 36.615,
120.246

■ 63, 27.899,
120.785

■ 64, 18.984,
121.346

■ 65, 9.967, 121.907

■ 65, 0.915, 122.496

■ 66, 8.124, 302.957

■ 67, 17.116,
303.447

Harmonies

Complementary

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



61, 59.754, 119.225



30, 70.314, 307.797

Rectangle

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



61, 59.754, 119.225



61, 59.754, 169.225



61, 59.754, 299.225



61, 59.754, 349.225

Sweetspot

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



61, 59.754, 119.227



81, 23.455, 121.325



44, 45.375, 50.152



43, 15.988, 121.179



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

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



61, 59.754, 119.227



77, 82.532, 119.581



58, 68.572, 135.052



33, 5.087, 122.006



54, 66.623, 120.461



4, 6.714, 123.799

Inverse Universe

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



30, 70.314, 307.797



33, 101.226, 308.607



38, 69.510, 321.879



31, 5.178, 303.013



18, 83.843, 308.773



1, 6.662, 301.882

Previews

White Background



This preview shows how the CIELCh color 61, 59.754, 119.225 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 61, 59.754, 119.225 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

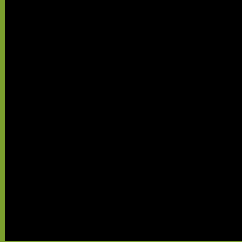
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 59.754, 119.225

Background



This preview shows how black text looks on a background with the CIELCh color 61, 59.754, 119.225.



This preview shows how white text looks on a background with the CIELCh color 61, 59.754, 119.225.

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
61, 59.754, 119.225

Protanopia
61, 54.502, 95.195

Deuteranopia
61, 51.164, 80.994



Tritanopia
61, 7.715, 252.735

Trichromacy



Original Color
61, 59.754, 119.225

Protanomaly
61, 54.970, 104.460

Deuteranomaly
60, 51.069, 96.544

Tritanomaly
61, 21.001, 133.067

Monochromacy



Original Color
61, 59.754, 119.225

Achromatopsia
56, 0.007, 296.813

Achromatomaly
58, 23.631, 120.879

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 59.754, 119.225 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(123, 159, 46)` looks like.

```
.text, #text, p{  
    color:rgb(123, 159, 46)  
}
```

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(123, 159, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 159, 46) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 59.754, 119.225 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(123, 159, 46) }
```

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

```
.border{ border-color:rgb(123, 159, 46) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 159, 46)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 159, 46); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 159, 46);  
box-shadow:4px 4px 4px 4px rgb(123, 159,  
46) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 59.754, 119.225 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 159, 46) }
```

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

```
.background{ background-color: rgb(123,  
159, 46) }
```

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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