

Converting Colors

CIELCh(60, 71.401, 118.904)

Have a look what the booklet for
CIELCh(60, 71.401, 118.904)
contains.

CIELCh(60, 71.078, 118.969)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(60, 71.078, 118.969)

Conversions

Conversions Part 1

Format	Color
Hex	719E01
RGB	113, 158, 1
RGB Percent	44%, 62%, 0%
CMY	0.5553, 0.3789, 0.9968
CMYK	0.28, 0.00, 0.99, 0.38
HSL	77°, 99%, 31%
HSV	77°, 99%, 62%
XYZ	19.1578, 28.1233, 4.4420
YIQ	126.6470, 23.5770, -58.3670

Conversions

Conversions Part 2

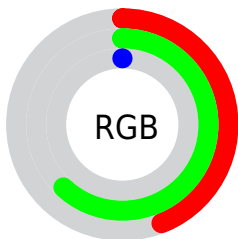
Format	Color
R_{YB}	1, 158, 46
Decimal	7446017
CIE Lab	60.00, -34.43, 62.18
CIE LCh	60, 71.078, 118.969
Yxy	28.1233, 0.3704, 0.5437
Android (android.graphics.Color)	4285636097 (0xFF719E01)
YUV	126.6470, -61.9440, -11.9684
Hunter-Lab	53.0314, -28.3213, 32.1558

Details

The CIELCh color **60, 71.078, 118.969** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **20, 90.778, 308.232**, and the grayscale version is **53, 0.007, 296.813**.

A 20% lighter version of the original color is **80, 70.924, 119.081**, and **40, 55.900, 125.548** is the 20% darker color. If you saturate the color by 10%, you get **60, 71.222, 119.008**, and if you desaturate by 10%, it is **60, 68.231, 118.229**.

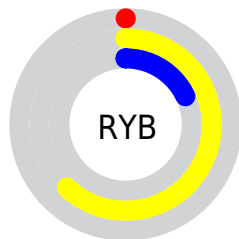
Distribution



Red (44%)

Green (62%)

Blue (0%)



Red (0%)

Yellow (62%)

Blue (18%)

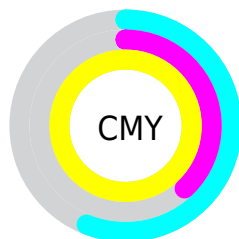


Cyan (28%)

Magenta (0%)

Yellow (99%)

Black (38%)



Cyan (56%)


Magenta (38%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 60, 71.078, 118.969 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 60, 71.078, 118.969 by changing the saturation by 10% instead.


 60, 71.078,
118.969


 60, 71.078,
118.969


 100, 71.078,
118.969


 50, 71.078,
118.969


 80, 71.078,
118.969

 40, 71.078,
118.969

 90, 71.078,
118.969

 30, 71.078,
118.969

 20, 71.078,
118.969

 10, 71.078,
118.969

 0, 71.078, 118.969

 60, 71.078,

 60, 71.078,

118.969

118.969

■ 60, 71.222,
119.008

■ 60, 68.231,
118.229

■ 61, 63.949,
117.829

■ 61, 58.114,
117.801

■ 62, 51.103,
118.041

■ 62, 43.286,
118.456

■ 63, 34.946,
118.973

■ 63, 26.285,
119.544

■ 64, 17.438,
120.133

Harmonies

Complementary

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



60, 71.078, 118.969



20, 90.778, 308.232

Rectangle

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



60, 71.078, 118.969



60, 71.078, 168.969



60, 71.078, 298.969



60, 71.078, 348.969

Sweetspot

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



60, 71.078, 118.971



80, 33.187, 119.479



36, 66.165, 47.005



42, 22.763, 119.250



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

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



60, 71.078, 118.971



76, 86.878, 119.278



57, 81.869, 134.322



33, 5.061, 120.735



54, 65.974, 118.885



4, 6.680, 122.589

Inverse Universe

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



20, 90.778, 308.232



28, 111.151, 308.078



31, 82.521, 320.231



31, 5.155, 301.803



18, 84.326, 308.327



1, 6.633, 300.699

Previews

White Background



This preview shows how the CIELCh color 60, 71.078, 118.969 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 60, 71.078, 118.969 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 60, 71.078, 118.969

Background



This preview shows how black text looks on a background with the CIELCh color 60, 71.078, 118.969.



This preview shows how white text looks on a background with the CIELCh color 60, 71.078, 118.969.

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
60, 70.940, 119.012

Protanopia
60, 64.236, 95.283

Deuteranopia
60, 59.057, 82.494



Tritanopia
60, 9.512, 244.637

Trichromacy



Original Color
60, 70.940, 119.012

Protanomaly
60, 65.292, 104.881

Deuteranomaly
59, 60.699, 97.895

Tritanomaly
59, 30.157, 129.657

Monochromacy



Original Color
60, 70.940, 119.012

Achromatopsia
53, 0.007, 296.813

Achromatomaly
55, 32.599, 118.699

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 71.078, 118.969 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(113, 158, 1)` looks like.

```
.text, #text, p{  
    color:rgb(113, 158, 1)  
}
```

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(113, 158, 1) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 158, 1) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 71.078, 118.969 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(113, 158, 1) }
```

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

```
.border{ border-color:rgb(113, 158, 1) }
```

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

Here you see how a box with a 4 pixel rgb(113, 158, 1) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 158, 1); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 158, 1);  
box-shadow:4px 4px 4px 4px rgb(113, 158,  
1) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 71.078, 118.969 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 158, 1) }
```

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

```
.background{ background-color: rgb(113,  
158, 1) }
```

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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