

Converting Colors

CIELCh(60, 68.415, 113.648)

Have a look what the booklet for
CIELCh(60, 68.415, 113.648)
contains.

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Color

CIELCh(60, 68.636, 113.793)

Conversions

Conversions Part 1

Format	Color
Hex	7F9C00
RGB	127, 156, 0
RGB Percent	50%, 61%, 0%
CMY	0.5036, 0.3898, 1.0000
CMYK	0.19, 0.00, 1.00, 0.39
HSL	71°, 100%, 31%
HSV	71°, 100%, 61%
XYZ	20.5088, 28.1233, 4.3235
YIQ	129.5450, 32.7920, -54.6640

Conversions

Conversions Part 2

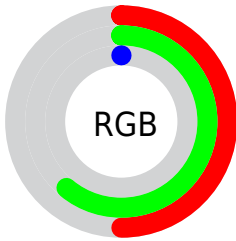
Format	Color
RYB	0, 156, 29
Decimal	8363008
CIELab	60.00, -27.69, 62.80
CIElCh	60, 68.636, 113.793
Yxy	28.1233, 0.3873, 0.5311
Android (android.graphics.Color)	4286553088 (0xFF7F9C00)
YUV	129.5450, -63.8657, -2.2320
Hunter-Lab	53.0314, -23.7737, 32.2883

Details

The CIELCh color **60, 68.636, 113.793** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **19, 91.171, 307.234**, and the grayscale version is **54, 0.007, 296.813**.

A 20% lighter version of the original color is **80, 69.006, 114.029**, and **40, 53.061, 119.355** is the 20% darker color. If you saturate the color by 10%, you get **60, 68.519, 113.824**, and if you desaturate by 10%, it is **60, 65.978, 113.342**.

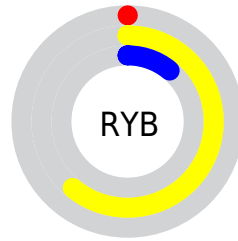
Distribution



Red (50%)

Green (61%)

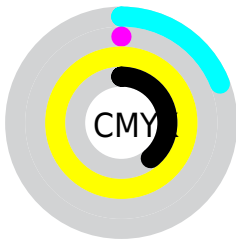
Blue (0%)



Red (0%)

Yellow (61%)

Blue (11%)

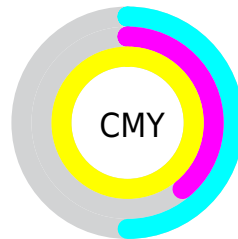


Cyan (19%)

Magenta (0%)

Yellow (100%)

Black (39%)



Cyan (50%)


Magenta (39%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 60, 68.636, 113.793 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, 68.636, 113.793 by changing the saturation by 10% instead.


 60, 68.636,
113.793


 60, 68.636,
113.793


 100, 68.636,
113.793


 50, 68.636,
113.793


 80, 68.636,
113.793

 40, 68.636,
113.793

 90, 68.636,
113.793


 30, 68.636,
113.793

 20, 68.636,
113.793

 10, 68.636,
113.793

 0, 68.636, 113.793

 60, 68.636,

 60, 68.636,

113.793

113.793

■ 60, 68.519,
113.824

■ 60, 65.978,
113.342

■ 61, 62.073,
113.137

■ 61, 56.596,
113.256

■ 61, 49.920,
113.613

■ 62, 42.415,
114.131

■ 62, 34.372,
114.747

■ 62, 25.993,
115.416

■ 63, 17.414,
116.107

Harmonies

Complementary

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



60, 68.636, 113.793



19, 91.171, 307.234

Rectangle

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



60, 68.636, 113.793



60, 68.636, 163.793



60, 68.636, 293.793



60, 68.636, 343.793

Sweetspot

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



60, 68.519, 113.824



79, 32.066, 115.377



34, 68.663, 43.206



42, 21.988, 115.111



91, 0.011, 296.813



43, 0.006, 296.813

Same Dimension

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



60, 68.519, 113.824



76, 83.034, 114.021



56, 79.310, 132.660



33, 4.999, 116.848



55, 64.328, 113.749



4, 6.590, 118.679

Inverse Universe

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



19, 91.171, 307.234



26, 110.601, 307.111



28, 82.997, 316.971



31, 5.100, 298.132



17, 85.557, 307.284



0, 6.564, 297.100

Previews

White Background



This preview shows how the CIELCh color 60, 68.636, 113.793 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, 68.636, 113.793 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

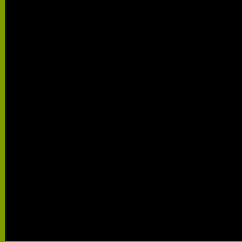
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 60, 68.636, 113.793

Background



This preview shows how black text looks on a background with the CIELCh color 60, 68.636, 113.793.



This preview shows how white text looks on a background with the CIELCh color 60, 68.636, 113.793.

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](#).

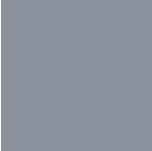
Dichromacy



Original Color
60, 68.636, 113.793

Protanopia
60, 64.236, 95.283

Deuteranopia
60, 59.647, 82.625



Tritanopia
60, 6.559, 270.974

Trichromacy



Original Color
60, 68.636, 113.793

Protanomaly
60, 64.914, 102.442

Deuteranomaly
60, 60.941, 95.213

Tritanomaly
59, 28.468, 119.904

Monochromacy



Original Color
60, 68.636, 113.793

Achromatopsia
54, 0.007, 296.813

Achromatomaly
56, 32.137, 114.989

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 68.636, 113.793 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(127, 156, 0)` looks like.

```
.text, #text, p{  
    color:rgb(127, 156, 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(127, 156, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 156, 0) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 68.636, 113.793 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(127, 156, 0) }
```

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

```
.border{ border-color:rgb(127, 156, 0) }
```

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

Here you see how a box with a 4 pixel rgb(127, 156, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 156, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 156, 0);  
box-shadow:4px 4px 4px 4px rgb(127, 156,  
0) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 68.636, 113.793 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 156, 0) }
```

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

```
.background{ background-color: rgb(127,  
156, 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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