

Converting Colors

CIELCh(60, 66.449, 107.362)

Have a look what the booklet for
CIELCh(60, 66.449, 107.362)
contains.

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Color

CIELCh(60, 66.117, 107.234)

Conversions

Conversions Part 1

Format	Color
Hex	8D9800
RGB	141, 152, 0
RGB Percent	55%, 60%, 0%
CMY	0.4470, 0.4039, 0.9999
CMYK	0.07, 0.00, 1.00, 0.40
HSL	64°, 100%, 30%
HSV	64°, 100%, 60%
XYZ	22.2162, 28.1233, 4.2580
YIQ	131.3830, 42.2360, -49.6040

Conversions

Conversions Part 2

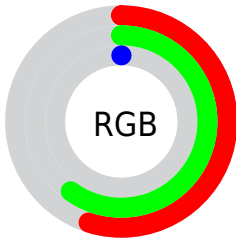
Format	Color
RYB	0, 152, 11
Decimal	9279488
CIELab	60.00, -19.59, 63.15
CIELCh	60, 66.117, 107.234
Yxy	28.1233, 0.4069, 0.5151
Android (android.graphics.Color)	4287469568 (0xFF8D9800)
YUV	131.3830, -64.7718, 8.4341
Hunter-Lab	53.0314, -18.0269, 32.3614

Details

The CIELCh color **60, 66.117, 107.234** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **17, 90.545, 306.556**, and the grayscale version is **55, 0.007, 296.813**.

A 20% lighter version of the original color is **80, 66.038, 107.238**, and **40, 49.774, 111.333** is the 20% darker color. If you saturate the color by 10%, you get **60, 66.122, 107.236**, and if you desaturate by 10%, it is **60, 63.782, 107.174**.

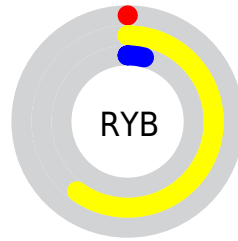
Distribution



Red (55%)

Green (60%)

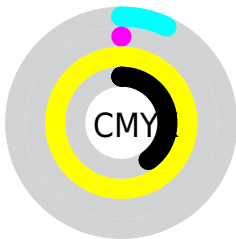
Blue (0%)



Red (0%)

Yellow (60%)

Blue (4%)

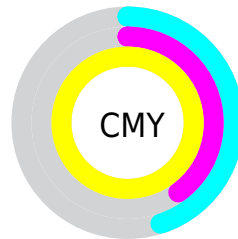


Cyan (7%)

Magenta (0%)

Yellow (100%)

Black (40%)



Cyan (45%)


Magenta (40%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 60, 66.117, 107.234 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, 66.117, 107.234 by changing the saturation by 10% instead.


 60, 66.117,
107.234


 60, 66.117,
107.234


 100, 66.117,
107.234


 50, 66.117,
107.234


 80, 66.117,
107.234


 40, 66.117,
107.234

 90, 66.117,
107.234


 30, 66.117,
107.234

 20, 66.117,
107.234

 10, 66.117,
107.234

 0, 66.117, 107.234

 60, 66.117,

 60, 66.117,

107.234

107.234

■ 60, 66.122,
107.236

■ 60, 63.782,
107.174

■ 60, 60.104,
107.314

■ 60, 54.865,
107.690

■ 61, 48.432,
108.250

■ 61, 41.174,
108.937

■ 61, 33.377,
109.707

■ 62, 25.246,
110.523

■ 62, 16.914,
111.360

Harmonies

Complementary

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



60, 66.117, 107.234



17, 90.545, 306.556

Rectangle

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



60, 66.117, 107.234



60, 66.117, 157.234



60, 66.117, 287.234



60, 66.117, 337.234

Sweetspot

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



60, 66.117, 107.236



78, 31.112, 110.473



32, 69.651, 40.490



41, 21.331, 110.153



90, 0.011, 296.813



42, 0.006, 296.813

Same Dimension

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



60, 66.117, 107.236



76, 79.916, 107.320



56, 75.509, 129.836



32, 4.824, 112.260



56, 62.344, 107.206



3, 5.240, 113.352

Inverse Universe

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



17, 90.545, 306.556



24, 109.550, 306.492



24, 83.488, 313.690



30, 4.927, 293.841



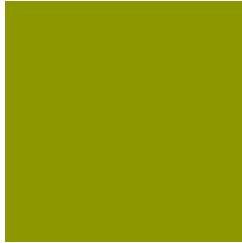
15, 85.351, 306.585



0, 5.239, 292.978

Previews

White Background



This preview shows how the CIELCh color 60, 66.117, 107.234 looks on a white background.

Color Contrast Check

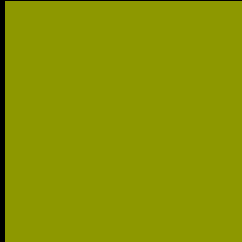
Large Text (above 18pt) WCAG AA ✓ Pass

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, 66.117, 107.234 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

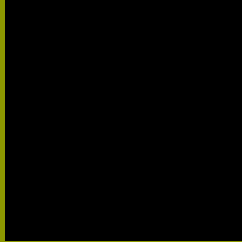
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 60, 66.117, 107.234

Background



This preview shows how black text looks on a background with the CIELCh color 60, 66.117, 107.234.



This preview shows how white text looks on a background with the CIELCh color 60, 66.117, 107.234.

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, 66.117, 107.234

Protanopia

60, 64.236, 95.283

Deuteranopia

60, 60.479, 82.804



Tritanopia
60, 7.557, 324.800

Trichromacy



Original Color
60, 66.117, 107.234

Protanomaly
60, 64.673, 99.957

Deuteranomaly
60, 61.298, 92.060

Tritanomaly
59, 26.746, 104.288

Monochromacy



Original Color
60, 66.117, 107.234

Achromatopsia
55, 0.007, 296.813

Achromatomaly
56, 31.262, 109.663

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 66.117, 107.234 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(141, 152, 0)` looks like.

```
.text, #text, p{  
    color:rgb(141, 152, 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(141, 152, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 152, 0) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 66.117, 107.234 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(141, 152, 0) }
```

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

```
.border{ border-color:rgb(141, 152, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 152, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 152, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 152, 0);  
box-shadow:4px 4px 4px 4px rgb(141, 152,  
0) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 66.117, 107.234 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 152, 0) }
```

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

```
.background{ background-color: rgb(141,  
152, 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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