

Converting Colors

CIELCh(66, 79.511, 122.315)

Have a look what the booklet for
CIELCh(66, 79.511, 122.315)
contains.

CIELCh(66, 79.360, 122.339)	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(66, 79.360, 122.339)

Conversions

Conversions Part 1

Format	Color
Hex	73B200
RGB	115, 178, 0
RGB Percent	45%, 70%, 0%
CMY	0.5504, 0.3033, 1.0000
CMYK	0.35, 0.00, 1.00, 0.30
HSL	81°, 100%, 35%
HSV	81°, 100%, 70%
XYZ	22.8715, 35.3238, 5.5890
YIQ	138.8710, 19.5900, -68.7140

Conversions

Conversions Part 2

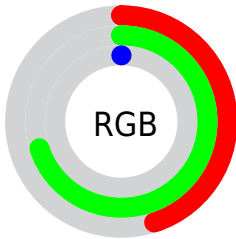
Format	Color
RYB	0, 178, 63
Decimal	7582208
CIELab	66.00, -42.45, 67.05
CIElCh	66, 79.360, 122.339
Yxy	35.3238, 0.3586, 0.5538
Android (android.graphics.Color)	4285772288 (0xFF73B200)
YUV	138.8710, -68.4634, -20.9349
Hunter-Lab	59.4338, -35.3184, 36.0283

Details

The CIELCh color **66, 79.360, 122.339** is a dark color, and the websafe version is hex **99CC33**. A complement of this color would be **25, 98.007, 309.137**, and the grayscale version is **58, 0.007, 296.813**.

A 20% lighter version of the original color is **86, 79.269, 122.387**, and **46, 64.873, 128.885** is the 20% darker color. If you saturate the color by 10%, you get **66, 79.267, 122.371**, and if you desaturate by 10%, it is **66, 76.195, 121.442**.

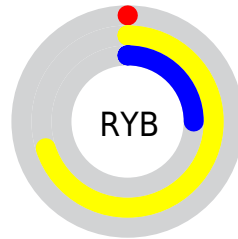
Distribution



Red (45%)

Green (70%)

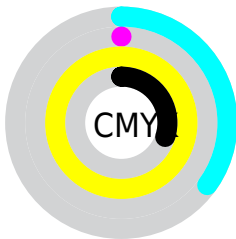
Blue (0%)



Red (0%)

Yellow (70%)

Blue (25%)

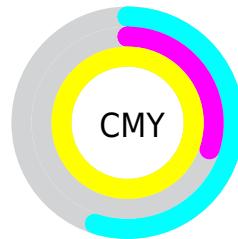


Cyan (35%)

Magenta (0%)

Yellow (100%)

Black (30%)



Cyan (55%)


Magenta (30%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 66, 79.360, 122.339 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 66, 79.360, 122.339 by changing the saturation by 10% instead.


 66, 79.360,
122.339


 66, 79.360,
122.339


 100, 79.360,
122.339


 56, 79.360,
122.339


 86, 79.360,
122.339

 46, 79.360,
122.339

 96, 79.360,
122.339

 36, 79.360,
122.339

 26, 79.360,
122.339

 16, 79.360,
122.339

 6, 79.360, 122.339

 0, 79.360, 122.339

■ 66, 79.360,
122.339

■ 66, 79.360,
122.339

■ 66, 79.267,
122.371

■ 66, 76.195,
121.442

■ 67, 71.516,
120.890

■ 67, 65.091,
120.751

■ 68, 57.330,
120.911

■ 68, 48.649,
121.265

■ 69, 39.375,
121.731

■ 70, 29.738,
122.252

■ 71, 19.897,

122.793

■ 72, 9.956, 123.331

Harmonies

Complementary

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



66, 79.360, 122.339



25, 98.007, 309.137

Rectangle

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



66, 79.360, 122.339



66, 79.360, 172.339



66, 79.360, 302.339



66, 79.360, 352.339

Sweetspot

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



66, 79.267, 122.371



89, 36.939, 122.224



43, 70.079, 50.159



47, 25.342, 122.003



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



66, 79.267, 122.371



84, 96.993, 122.644



63, 90.262, 135.151



37, 5.660, 123.367



57, 70.903, 122.187



8, 14.030, 127.802

Inverse Universe

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



25, 98.007, 309.137



33, 119.938, 308.963



37, 89.193, 322.512



35, 5.758, 304.332



20, 87.656, 309.256



1, 13.584, 300.816

Previews

White Background



This preview shows how the CIELCh color 66, 79.360, 122.339 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 66, 79.360, 122.339 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 ✓ Pass

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

CIELCh 66, 79.360, 122.339

Background



This preview shows how black text looks on a background with the CIELCh color 66, 79.360, 122.339.



This preview shows how white text looks on a background with the CIELCh color 66, 79.360, 122.339.

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
66, 79.360, 122.339

Protanopia
66, 69.060, 95.168

Deuteranopia
65, 63.582, 82.185



Tritanopia
66, 13.038, 232.381

Trichromacy



Original Color
66, 79.360, 122.339

Protanomaly
65, 70.466, 106.534

Deuteranomaly
65, 65.437, 99.581

Tritanomaly
65, 35.795, 136.248

Monochromacy



Original Color
66, 79.360, 122.339

Achromatopsia
58, 0.007, 296.813

Achromatomaly
60, 36.944, 121.598

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 79.360, 122.339 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(115, 178, 0)` looks like.

```
.text, #text, p{  
    color:rgb(115, 178, 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(115, 178, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 178, 0) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 79.360, 122.339 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(115, 178, 0) }
```

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

```
.border{ border-color:rgb(115, 178, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 178, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 178, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 178, 0);  
box-shadow:4px 4px 4px 4px rgb(115, 178,  
0) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 79.360, 122.339 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 178, 0) }
```

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

```
.background{ background-color: rgb(115,  
178, 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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