

Converting Colors

CIELCh(67, 73.770, 115.529)

Have a look what the booklet for
CIELCh(67, 73.770, 115.529)
contains.

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Color

CIELCh(67, 73.805, 115.644)

Conversions

Conversions Part 1

Format	Color
Hex	8BB00E
RGB	139, 176, 14
RGB Percent	55%, 69%, 5%
CMY	0.4544, 0.3093, 0.9440
CMYK	0.21, 0.00, 0.92, 0.31
HSL	74°, 85%, 37%
HSV	74°, 92%, 69%
XYZ	26.2997, 36.6320, 6.1096
YIQ	146.4690, 29.9500, -58.2260

Conversions

Conversions Part 2

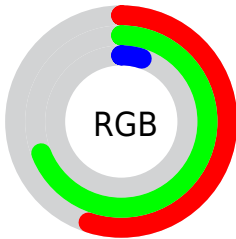
Format	Color
RYB	14, 176, 51
Decimal	9154574
CIELab	67.00, -31.94, 66.54
CIELCh	67, 73.805, 115.644
Yxy	36.6320, 0.3809, 0.5306
Android (android.graphics.Color)	4287344654 (0xFF8BB00E)
YUV	146.4690, -65.3072, -6.5503
Hunter-Lab	60.5244, -28.3538, 36.3820

Details

The CIELCh color **67, 73.805, 115.644** is a dark color, and the websafe version is hex **99CC33**. A complement of this color would be **24, 95.100, 307.366**, and the grayscale version is **61, 0.008, 296.813**.

A 20% lighter version of the original color is **87, 73.823, 115.824**, and **47, 59.840, 120.552** is the 20% darker color. If you saturate the color by 10%, you get **67, 75.870, 116.209**, and if you desaturate by 10%, it is **67, 69.898, 115.228**.

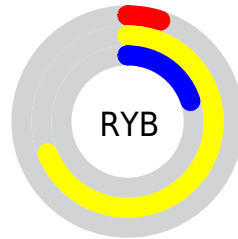
Distribution



Red (55%)

Green (69%)

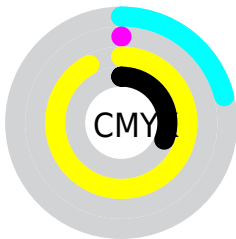
Blue (5%)



Red (5%)

Yellow (69%)

Blue (20%)

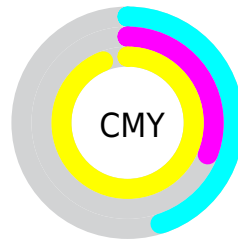


Cyan (21%)

Magenta (0%)

Yellow (92%)

Black (31%)



Cyan (45%)

Magenta (31%)

Yellow (94%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 73.805, 115.644 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 67, 73.805, 115.644 by changing the saturation by 10% instead.

 67, 73.805,
115.644

 67, 73.805,
115.644

 100, 73.805,
115.644

 57, 73.805,
115.644

 87, 73.805,
115.644

 47, 73.805,
115.644

 97, 73.805,
115.644

 37, 73.805,
115.644

 27, 73.805,
115.644

 17, 73.805,
115.644

 7, 73.805, 115.644

 0, 73.805, 115.644

■ 67, 73.805,
115.644

■ 67, 73.805,
115.644

■ 67, 75.870,
116.209

■ 67, 69.898,
115.228

■ 68, 64.163,
115.187

■ 68, 56.988,
115.430

■ 69, 48.801,
115.866

■ 69, 39.951,
116.421

■ 70, 30.687,
117.040

■ 70, 21.177,
117.687

■ 71, 11.532,

118.339

■ 72, 1.828, 118.985

Harmonies

Complementary

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



67, 73.805, 115.644



24, 95.100, 307.366

Rectangle

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



67, 73.805, 115.644



67, 73.805, 165.644



67, 73.805, 295.644



67, 73.805, 345.644

Sweetspot

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



67, 73.805, 115.646



89, 33.486, 117.259



40, 69.122, 43.865



47, 23.030, 116.988



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



67, 73.805, 115.646



85, 92.571, 116.421



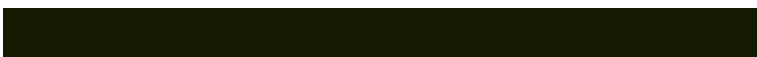
63, 84.909, 132.972



37, 5.554, 118.504



59, 68.349, 116.076



8, 13.667, 122.482

Inverse Universe

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



24, 95.100, 307.366



30, 121.429, 307.416



34, 87.860, 318.351



35, 5.664, 299.712



19, 89.535, 307.629



1, 13.436, 297.087

Previews

White Background



This preview shows how the CIELCh color 67, 73.805, 115.644 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 67, 73.805, 115.644 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 67, 73.805, 115.644

Background



This preview shows how black text looks on a background with the CIELCh color 67, 73.805, 115.644.



This preview shows how white text looks on a background with the CIELCh color 67, 73.805, 115.644.

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
67, 73.805, 115.644

Protanopia
67, 69.341, 95.295

Deuteranopia
67, 64.777, 82.205



Tritanopia
67, 7.966, 263.934

Trichromacy



Original Color
67, 73.805, 115.644

Protanomaly
67, 69.898, 103.321

Deuteranomaly
66, 65.140, 95.618

Tritanomaly
66, 28.339, 123.253

Monochromacy



Original Color
67, 73.805, 115.644

Achromatopsia
61, 0.008, 296.813

Achromatomaly
63, 32.795, 117.082

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 73.805, 115.644 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(139, 176, 14)` looks like.

```
.text, #text, p{  
    color:rgb(139, 176, 14)  
}
```

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(139, 176, 14) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 176, 14) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 73.805, 115.644 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(139, 176, 14) }
```

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

```
.border{ border-color:rgb(139, 176, 14) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 176, 14)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 176, 14); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 176, 14);  
box-shadow:4px 4px 4px 4px rgb(139, 176,  
14) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 73.805, 115.644 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 176, 14) }
```

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

```
.background{ background-color: rgb(139,  
176, 14) }
```

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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