

Converting Colors

CIELCh(48, 73.772, 135.507)

Have a look what the booklet for
CIELCh(48, 73.772, 135.507)
contains.

CIELCh(48, 73.494, 135.646)	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(48, 73.494, 135.646)

Conversions

Conversions Part 1

Format	Color
Hex	088500
RGB	8, 133, 0
RGB Percent	3%, 52%, 0%
CMY	0.9700, 0.4788, 1.0000
CMYK	0.94, 0.00, 1.00, 0.48
HSL	117°, 100%, 26%
HSV	117°, 100%, 52%
XYZ	8.4676, 16.7945, 2.7904
YIQ	80.4630, -31.8070, -67.8630

Conversions

Conversions Part 2

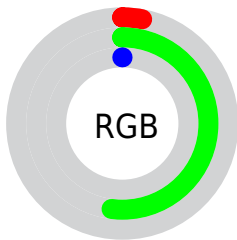
Format	Color
RYB	0, 133, 125
Decimal	558336
CIELab	48.00, -52.55, 51.38
CIElCh	48, 73.494, 135.646
Yxy	16.7945, 0.3018, 0.5987
Android (android.graphics.Color)	4278748416 (0xFF088500)
YUV	80.4630, -39.6683, -63.5501
Hunter-Lab	40.9810, -34.8347, 24.6496

Details

The CIELCh color **48, 73.494, 135.646** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **30, 71.447, 326.036**, and the grayscale version is **34, 0.005, 296.813**.

A 20% lighter version of the original color is **68, 73.337, 135.741**, and **29, 52.535, 136.016** is the 20% darker color. If you saturate the color by 10%, you get **48, 73.467, 135.662**, and if you desaturate by 10%, it is **48, 70.609, 136.132**.

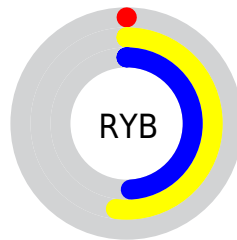
Distribution



Red (3%)

Green (52%)

Blue (0%)



Red (0%)

Yellow (52%)

Blue (49%)

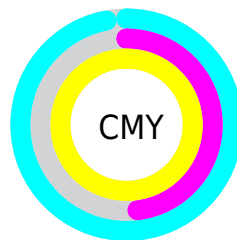


Cyan (94%)

Magenta (0%)

Yellow (100%)

Black (48%)



Cyan (97%)


Magenta (48%)

Yellow (100%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 48, 73.494, 135.646 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 48, 73.494, 135.646 by changing the saturation by 10% instead.

 48, 73.494,
135.646


 48, 73.494,
135.646

 100, 73.494,
135.646

 38, 73.494,
135.646

 68, 73.494,
135.646


 28, 73.494,
135.646

 78, 73.494,
135.646

 18, 73.494,
135.646

 88, 73.494,
135.646

 8, 73.494, 135.646

 98, 73.494,
135.646

 0, 73.494, 135.646

 48, 73.494,

 48, 73.494,

135.646

135.646

■ 48, 73.467,
135.662

■ 48, 70.609,
136.132

■ 48, 66.389,
136.696

■ 49, 60.548,
137.502

■ 49, 53.428,
138.425

■ 50, 45.383,
139.363

■ 51, 36.716,
140.250

■ 52, 27.672,
141.053

■ 53, 18.444,
141.763

Harmonies

Complementary

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



48, 73.494, 135.646



30, 71.447, 326.036

Rectangle

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



48, 73.494, 135.646



48, 73.494, 185.646



48, 73.494, 315.646



48, 73.494, 5.646

Sweetspot

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



48, 73.467, 135.662



66, 34.384, 141.001



51, 56.993, 98.551



34, 23.330, 140.722



86, 0.010, 296.813



37, 0.005, 296.813

Same Dimension

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



48, 73.467, 135.662



62, 89.385, 135.758



48, 57.765, 146.704



27, 5.166, 142.436



47, 72.318, 135.653



1, 1.233, 142.893

Inverse Universe

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



30, 71.447, 326.036



39, 86.821, 325.987



28, 53.380, 354.793



26, 5.179, 323.318



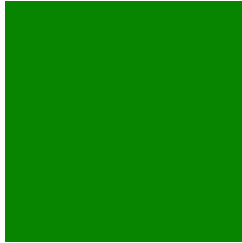
29, 70.338, 326.041



0, 1.233, 322.888

Previews

White Background



This preview shows how the CIELCh color 48, 73.494, 135.646 looks on a white 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

Black Background



This preview shows how the CIE LCh color 48, 73.494, 135.646 looks on a black 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

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

CIELCh 48, 73.494, 135.646

Background



This preview shows how black text looks on a background with the CIELCh color 48, 73.494, 135.646.



This preview shows how white text looks on a background with the CIELCh color 48, 73.494, 135.646.

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


48, 73.494, 135.646

Protanopia

48, 53.971, 95.537

Deuteranopia

48, 46.935, 82.485



Tritanopia
48, 21.866, 213.128

Trichromacy



Original Color
48, 73.494, 135.646

Protanomaly
46, 58.793, 119.627

Deuteranomaly
46, 51.812, 115.400

Tritanomaly
47, 39.682, 157.136

Monochromacy



Original Color
48, 73.494, 135.646

Achromatopsia
34, 0.005, 296.813

Achromatomaly
38, 34.644, 139.533

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 48, 73.494, 135.646 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(8, 133, 0)` looks like.

```
.text, #text, p{  
    color:rgb(8, 133, 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(8, 133, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(8, 133, 0) }
```

Border

The CSS property to change the border of an element to CIELCh 48, 73.494, 135.646 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(8, 133, 0) }
```

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

```
.border{ border-color:rgb(8, 133, 0) }
```

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

Here you see how a box with a 4 pixel rgb(8, 133, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(8, 133, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(8, 133, 0); box-shadow:4px  
4px 4px 4px rgb(8, 133, 0) }
```

Background

The CSS property to change the background color of an element to CIELCh 48, 73.494, 135.646 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(8, 133, 0) }
```

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

```
.background{ background-color: rgb(8, 133,  
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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