

Converting Colors

CIELCh(69, 47.042, 135.007)

Have a look what the booklet for
CIELCh(69, 47.042, 135.007)
contains.

CIELCh(69, 47.006, 134.819)	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(69, 47.006, 134.819)

Conversions

Conversions Part 1

Format	Color
Hex	7EB76A
RGB	126, 183, 106
RGB Percent	49%, 72%, 42%
CMY	0.5059, 0.2823, 0.5843
CMYK	0.31, 0.00, 0.42, 0.28
HSL	104°, 35%, 57%
HSV	104°, 42%, 72%
XYZ	28.1400, 39.3444, 19.7473
YIQ	157.1790, -9.2550, -36.0310

Conversions

Conversions Part 2

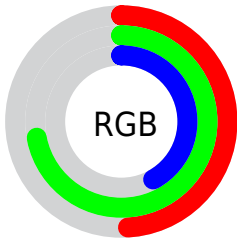
Format	Color
RYB	106, 183, 163
Decimal	8304490
CIELab	69.00, -33.13, 33.34
CIElCh	69, 47.006, 134.819
Yxy	39.3444, 0.3226, 0.4510
Android (android.graphics.Color)	4286494570 (0xFF7EB76A)
YUV	157.1790, -25.2312, -27.3440
Hunter-Lab	62.7251, -29.6895, 25.2417

Details

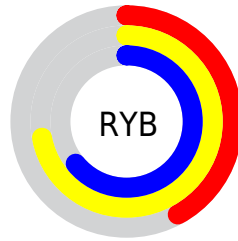
The CIELCh color **69, 47.006, 134.819** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **54, 48.209, 318.768**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **89, 46.897, 134.555**, and **49, 47.120, 134.792** is the 20% darker color. If you saturate the color by 10%, you get **68, 57.543, 134.228**, and if you desaturate by 10%, it is **70, 36.025, 135.409**.

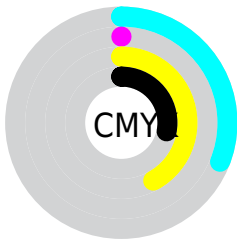
Distribution



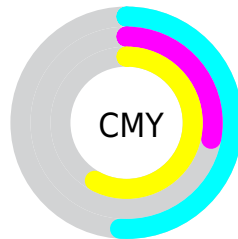
- Red (49%)
- Green (72%)
- Blue (42%)



- Red (42%)
- Yellow (72%)
- Blue (64%)



- Cyan (31%)
- Magenta (0%)
- Yellow (42%)
- Black (28%)





- Cyan (51%)
- Magenta (28%)
- Yellow (58%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 47.006, 134.819 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 69, 47.006, 134.819 by changing the saturation by 10% instead.


 69, 47.006,
134.819


 69, 47.006,
134.819


 100, 47.006,
134.819


 59, 47.006,
134.819


 89, 47.006,
134.819

 49, 47.006,
134.819

 99, 47.006,
134.819

 39, 47.006,
134.819

 29, 47.006,
134.819

 19, 47.006,
134.819

 9, 47.006, 134.819

 0, 47.006, 134.819

69, 47.006,
134.819

69, 47.006,
134.819

68, 57.543,
134.228

70, 36.025,
135.409

67, 67.332,
133.692

71, 24.816,
135.965

67, 75.980,
133.303

73, 13.539,
136.474

66, 83.016,
133.181

74, 2.309, 136.987

66, 88.010,
133.442

76, 8.792, 317.282

65, 90.696,
133.826

77, 19.706,
317.636

79, 30.395,
317.934

81, 40.836,
318.190

■ 82, 43.957,
323.143

Harmonies

Complementary

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



69, 47.006, 134.819



54, 48.209, 318.768

Rectangle

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



69, 47.006, 134.819



69, 47.006, 184.819



69, 47.006, 314.819



69, 47.006, 4.819

Sweetspot

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



69, 47.007, 134.820



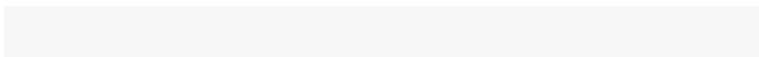
91, 18.000, 136.419



67, 32.073, 90.865



49, 12.707, 136.309



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



69, 47.007, 134.820



86, 68.320, 134.301



68, 43.175, 148.170



38, 6.360, 136.606



56, 80.287, 133.679



8, 17.809, 139.115

Inverse Universe

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



54, 48.209, 318.768



64, 70.339, 319.081



55, 43.370, 334.583



36, 6.404, 317.370



30, 82.140, 318.780



2, 16.880, 313.855

Previews

White Background



This preview shows how the CIELCh color 69, 47.006, 134.819 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 69, 47.006, 134.819 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

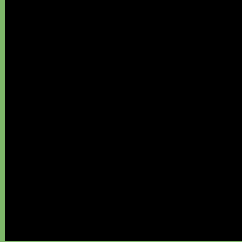
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 47.006, 134.819

Background



This preview shows how black text looks on a background with the CIELCh color 69, 47.006, 134.819.



This preview shows how white text looks on a background with the CIELCh color 69, 47.006, 134.819.

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](#).

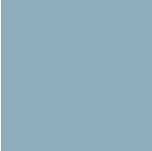
Dichromacy



Original Color
69, 47.006, 134.819

Protanopia
69, 37.198, 96.307

Deuteranopia
69, 32.485, 74.239



Tritanopia
69, 13.499, 233.593

Trichromacy



Original Color
69, 47.006, 134.819

Protanomaly
68, 38.256, 113.274

Deuteranomaly
68, 32.005, 102.278

Tritanomaly
69, 18.802, 164.149

Monochromacy



Original Color
69, 47.006, 134.819

Achromatopsia
65, 0.008, 296.813

Achromatomaly
66, 17.360, 135.445

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 47.006, 134.819 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(126, 183, 106)` looks like.

```
.text, #text, p{  
    color:rgb(126, 183, 106)  
}
```

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(126, 183, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 183, 106) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 47.006, 134.819 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(126, 183, 106) }
```

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

```
.border{ border-color:rgb(126, 183, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 183, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 183, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 183, 106);  
box-shadow:4px 4px 4px 4px rgb(126, 183,  
106) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 47.006, 134.819 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 183, 106) }
```

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

```
.background{ background-color: rgb(126,  
183, 106) }
```

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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