

Converting Colors

CIELCh(74, 40.323, 141.473)

Have a look what the booklet for
CIELCh(74, 40.323, 141.473)
contains.

CIELCh(74, 39.917, 141.878)	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(74, 39.917, 141.878)

Conversions

Conversions Part 1

Format	Color
Hex	88C487
RGB	136, 196, 135
RGB Percent	53%, 77%, 53%
CMY	0.4650, 0.2297, 0.4690
CMYK	0.31, 0.00, 0.31, 0.23
HSL	119°, 34%, 65%
HSV	119°, 31%, 77%
XYZ	34.4596, 46.7039, 30.2693
YIQ	171.1060, -16.1790, -31.6910

Conversions

Conversions Part 2

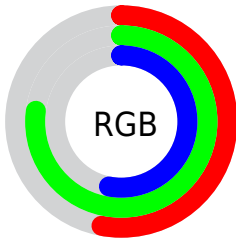
Format	Color
RYB	135, 196, 195
Decimal	8963207
CIELab	74.00, -31.40, 24.64
CIElCh	74, 39.917, 141.878
Yxy	46.7039, 0.3092, 0.4191
Android (android.graphics.Color)	4287153287 (0xFF88C487)
YUV	171.1060, -17.8003, -30.7880
Hunter-Lab	68.3403, -29.5893, 21.5775

Details

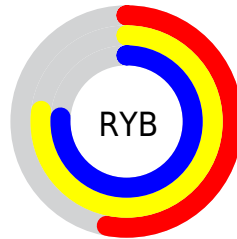
The CIELCh color **74, 39.917, 141.878** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **64, 39.944, 325.637**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 39.774, 141.967**, and **54, 39.791, 141.887** is the 20% darker color. If you saturate the color by 10%, you get **73, 52.398, 140.961**, and if you desaturate by 10%, it is **76, 27.097, 142.682**.

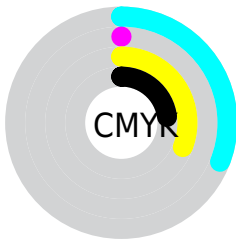
Distribution



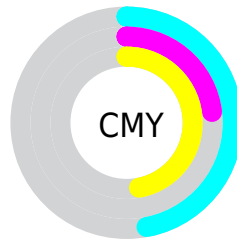
- Red (53%)
- Green (77%)
- Blue (53%)



- Red (53%)
- Yellow (77%)
- Blue (76%)



- Cyan (31%)
- Magenta (0%)
- Yellow (31%)
- Black (23%)




- Cyan (47%)
- Magenta (23%)
- Yellow (47%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 39.917, 141.878 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 74, 39.917, 141.878 by changing the saturation by 10% instead.


 74, 39.917,
141.878

 74, 39.917,
141.878


 100, 39.917,
141.878


 64, 39.917,
141.878


 94, 39.917,
141.878


 54, 39.917,
141.878

 44, 39.917,
141.878

 34, 39.917,
141.878

 24, 39.917,
141.878

 14, 39.917,
141.878

 4, 39.917, 141.878

0, 39.917, 141.878

74, 39.917,
141.878

74, 39.917,
141.878

73, 52.398,
140.961

76, 27.097,
142.682

72, 64.217,
139.941

77, 14.181,
143.377

71, 74.980,
138.861

79, 1.351, 144.130

70, 84.208,
137.803

81, 11.261,
324.417

70, 91.381,
136.894

83, 23.570,
324.848

69, 96.059,
136.275

86, 35.523,
325.206

■ 69, 98.333,
135.952

■ 86, 36.732,
325.701

Harmonies

Complementary

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



74, 39.917, 141.878



64, 39.944, 325.637

Rectangle

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



74, 39.917, 141.878



74, 39.917, 191.878



74, 39.917, 321.878



74, 39.917, 11.878

Sweetspot

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



74, 39.918, 141.878



98, 14.233, 143.501



78, 31.652, 106.478



52, 9.900, 143.407



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



74, 39.918, 141.878



92, 58.533, 141.294



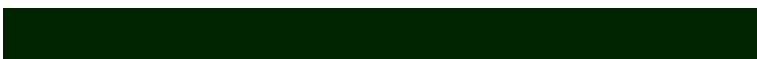
75, 28.010, 159.907



41, 7.331, 143.486



58, 85.681, 135.936



11, 26.474, 143.280

Inverse Universe

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



64, 39.944, 325.637



78, 58.518, 325.962



63, 29.002, 345.601



39, 7.344, 324.482



38, 82.818, 327.584



4, 26.556, 326.368

Previews

White Background



This preview shows how the CIELCh color 74, 39.917, 141.878 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 CIE LCh color 74, 39.917, 141.878 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

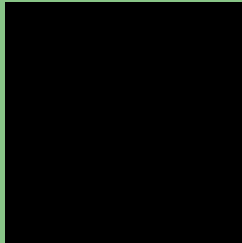
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 74, 39.917, 141.878

Background



This preview shows how black text looks on a background with the CIELCh color 74, 39.917, 141.878.



This preview shows how white text looks on a background with the CIELCh color 74, 39.917, 141.878.

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
74, 39.917, 141.878

Protanopia
74, 28.481, 95.672

Deuteranopia
74, 24.385, 68.290



Tritanopia
74, 15.203, 231.047

Trichromacy



Original Color
74, 39.917, 141.878

Protanomaly
74, 30.308, 117.303

Deuteranomaly
73, 23.639, 104.914

Tritanomaly
74, 18.279, 175.266

Monochromacy



Original Color
74, 39.917, 141.878

Achromatopsia
70, 0.009, 296.813

Achromatomaly
72, 14.657, 143.735

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 39.917, 141.878 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(136, 196, 135)` looks like.

```
.text, #text, p{  
    color:rgb(136, 196, 135)  
}
```

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(136, 196, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 196, 135) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 39.917, 141.878 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(136, 196, 135) }
```

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

```
.border{ border-color:rgb(136, 196, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 196, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 196, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 196, 135);  
box-shadow:4px 4px 4px 4px rgb(136, 196,  
135) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 39.917, 141.878 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 196, 135) }
```

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

```
.background{ background-color: rgb(136,  
196, 135) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor