

Converting Colors

CIELCh(74, 47.001, 139.483)

Have a look what the booklet for
CIELCh(74, 47.001, 139.483)
contains.

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Color

CIELCh(74, 47.001, 139.483)

Conversions

Conversions Part 1

Format	Color
Hex	83C67C
RGB	131, 198, 124
RGB Percent	51%, 78%, 49%
CMY	0.4860, 0.2233, 0.5135
CMYK	0.34, 0.00, 0.37, 0.22
HSL	114°, 39%, 63%
HSV	114°, 37%, 78%
XYZ	33.2198, 46.7039, 26.3519
YIQ	169.5310, -16.1780, -37.2180

Conversions

Conversions Part 2

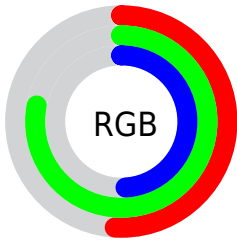
Format	Color
RYB	124, 198, 191
Decimal	8636028
CIELab	74.00, -35.73, 30.54
CIELCh	74, 47.001, 139.483
Yxy	46.7039, 0.3126, 0.4395
Android (android.graphics.Color)	4286826108 (0xFF83C67C)
YUV	169.5310, -22.4468, -33.7917
Hunter-Lab	68.3403, -32.8276, 24.9761

Details

The CIELCh color $74, 47.001, 139.483$ is a light color, and the websafe version is hex $99CC99$. A complement of this color would be $61, 47.283, 323.647$, and the grayscale version is $70, 0.009, 296.813$.

A 20% lighter version of the original color is $94, 47.068, 139.444$, and $54, 47.195, 139.467$ is the 20% darker color. If you saturate the color by 10%, you get $73, 58.990, 138.645$, and if you desaturate by 10%, it is $75, 34.553, 140.246$.

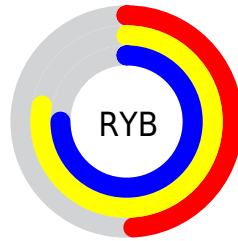
Distribution



Red (51%)

Green (78%)

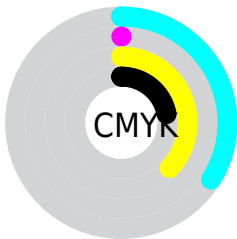
Blue (49%)



Red (49%)

Yellow (78%)

Blue (75%)

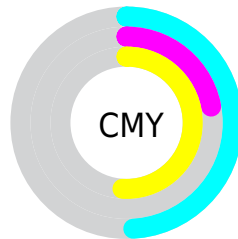


Cyan (34%)

Magenta (0%)

Yellow (37%)

Black (22%)



Cyan (49%)

Magenta (22%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 47.001, 139.483 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, 47.001, 139.483 by changing the saturation by 10% instead.

 74, 47.001,
139.483

 74, 47.001,
139.483

 100, 47.001,
139.483

 64, 47.001,
139.483

 94, 47.001,
139.483

 54, 47.001,
139.483

 44, 47.001,
139.483

 34, 47.001,
139.483

 24, 47.001,
139.483

 14, 47.001,
139.483

 4, 47.001, 139.483

■ 0, 47.001, 139.483

■ 74, 47.001,
139.483

■ 74, 47.001,
139.483

■ 73, 58.990,
138.645

■ 75, 34.553,
140.246

■ 72, 70.179,
137.765

■ 77, 21.901,
140.920

■ 71, 80.140,
136.912

■ 79, 9.239, 141.516

■ 80, 3.292, 321.918

■ 71, 88.362,
136.198

■ 82, 15.594,
322.398

■ 70, 94.330,
135.756

■ 85, 27.602,
322.765

■ 70, 97.802,
135.653

■ 86, 35.709,

■ 70, 98.482,
135.612

325.666

Harmonies

Complementary

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



74, 47.001, 139.483



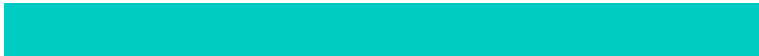
61, 47.283, 323.647

Rectangle

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



74, 47.001, 139.483



74, 47.001, 189.483



74, 47.001, 319.483



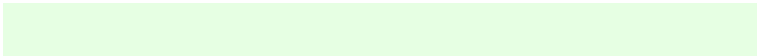
74, 47.001, 9.483

Sweetspot

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



74, 47.002, 139.484



98, 16.984, 141.297



76, 35.312, 101.840



52, 11.420, 141.216



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, 47.002, 139.484



92, 68.954, 138.791



74, 36.050, 155.234



41, 7.148, 141.400



58, 85.211, 135.534



11, 25.900, 141.771

Inverse Universe

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



61, 47.283, 323.647



73, 69.331, 323.997



61, 36.945, 341.807



39, 7.171, 322.301



36, 83.268, 324.593



4, 25.663, 323.132

Previews

White Background



This preview shows how the CIELCh color 74, 47.001, 139.483 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 74, 47.001, 139.483 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, 47.001, 139.483

Background



This preview shows how black text looks on a background with the CIELCh color 74, 47.001, 139.483.

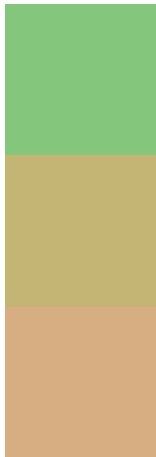


This preview shows how white text looks on a background with the CIELCh color 74, 47.001, 139.483.

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, 47.001, 139.483

Protanopia

74, 34.825, 95.626

Deuteranopia

74, 29.483, 71.082



Tritanopia
74, 16.483, 230.411

Trichromacy



Original Color
74, 47.001, 139.483



Protanomaly
73, 35.989, 115.948



Deuteranomaly
73, 28.894, 105.708



Tritanomaly
74, 20.830, 171.502

Monochromacy



Original Color
74, 47.001, 139.483



Achromatopsia
70, 0.009, 296.813



Achromatomaly
71, 17.393, 140.625

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 47.001, 139.483 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(131, 198, 124)` looks like.

```
.text, #text, p{  
    color:rgb(131, 198, 124)  
}
```

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(131, 198, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 198, 124) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 47.001, 139.483 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(131, 198, 124) }
```

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

```
.border{ border-color:rgb(131, 198, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 198, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 198, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 198, 124);  
box-shadow:4px 4px 4px 4px rgb(131, 198,  
124) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 47.001, 139.483 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 198, 124) }
```

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

```
.background{ background-color: rgb(131,  
198, 124) }
```

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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