

Converting Colors

CIELCh(74, 50.636, 132.295)

Have a look what the booklet for
CIELCh(74, 50.636, 132.295)
contains.

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Color

CIELCh(74, 50.510, 132.433)

Conversions

Conversions Part 1

Format	Color
Hex	8CC56F
RGB	140, 197, 111
RGB Percent	55%, 77%, 44%
CMY	0.4506, 0.2271, 0.5644
CMYK	0.29, 0.00, 0.44, 0.23
HSL	100°, 43%, 60%
HSV	100°, 44%, 77%
XYZ	33.6890, 46.7039, 22.3013
YIQ	170.1530, -6.3660, -38.8300

Conversions

Conversions Part 2

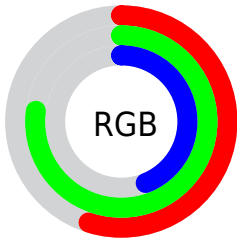
Format	Color
RYB	111, 197, 168
Decimal	9225583
CIELab	74.00, -34.08, 37.28
CIElCh	74, 50.510, 132.433
Yxy	46.7039, 0.3281, 0.4548
Android (android.graphics.Color)	4287415663 (0xFF8CC56F)
YUV	170.1530, -29.1624, -26.4442
Hunter-Lab	68.3403, -31.6022, 28.4902

Details

The CIELCh color **74, 50.510, 132.433** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **56, 52.442, 316.405**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 50.547, 132.612**, and **54, 50.599, 132.414** is the 20% darker color. If you saturate the color by 10%, you get **73, 61.348, 131.935**, and if you desaturate by 10%, it is **75, 39.180, 132.962**.

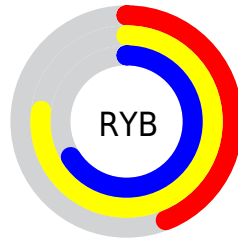
Distribution



Red (55%)

Green (77%)

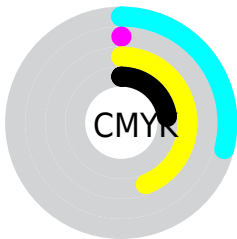
Blue (44%)



Red (44%)

Yellow (77%)

Blue (66%)

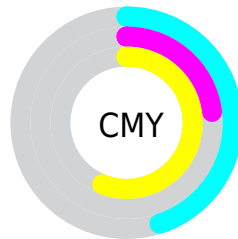


Cyan (29%)

Magenta (0%)

Yellow (44%)

Black (23%)



Cyan (45%)

Magenta (23%)


Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 50.510, 132.433 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, 50.510, 132.433 by changing the saturation by 10% instead.


 74, 50.510,
132.433

 74, 50.510,
132.433


 100, 50.510,
132.433


 64, 50.510,
132.433


 94, 50.510,
132.433

 54, 50.510,
132.433

 44, 50.510,
132.433

 34, 50.510,
132.433

 24, 50.510,
132.433

 14, 50.510,
132.433

 4, 50.510, 132.433

0, 50.510, 132.433

74, 50.510,
132.433

74, 50.510,
132.433

73, 61.348,
131.935

75, 39.180,
132.962

72, 71.369,
131.533

76, 27.585,
133.480

72, 80.148,
131.328

78, 15.892,
133.967

71, 87.187,
131.447

79, 4.217, 134.436

71, 92.073,
132.000

81, 7.355, 314.766

82, 18.766,
315.127

70, 94.279,
132.483

84, 29.975,

315.434

■ 85, 34.590,
320.441

■ 86, 36.321,
325.687

Harmonies

Complementary

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



74, 50.510, 132.433



56, 52.442, 316.405

Rectangle

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



74, 50.510, 132.433



74, 50.510, 182.433



74, 50.510, 312.433



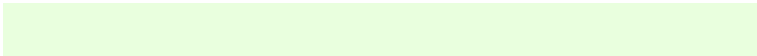
74, 50.510, 2.433

Sweetspot

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



74, 50.511, 132.434



98, 18.668, 133.988



70, 33.136, 84.029



52, 13.071, 133.882



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, 50.511, 132.434



92, 73.400, 131.974



73, 50.480, 145.247



41, 6.646, 134.164



59, 81.778, 132.292



11, 24.190, 136.540

Inverse Universe

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



56, 52.442, 316.405



66, 76.753, 316.743



59, 50.425, 331.524



39, 6.707, 314.917



29, 86.311, 316.310



3, 23.262, 312.354

Previews

White Background



This preview shows how the CIELCh color 74, 50.510, 132.433 looks on a white background.

Color Contrast Check

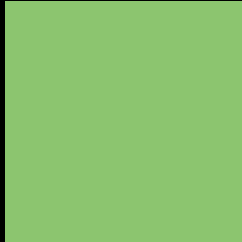
Large Text (above 18pt) WCAG AA × Fail

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, 50.510, 132.433 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, 50.510, 132.433

Background



This preview shows how black text looks on a background with the CIELCh color 74, 50.510, 132.433.



This preview shows how white text looks on a background with the CIELCh color 74, 50.510, 132.433.

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](#).

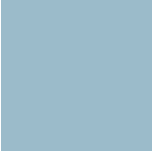
Dichromacy



Original Color
74, 50.510, 132.433

Protanopia
74, 41.043, 95.361

Deuteranopia
74, 36.186, 74.959



Tritanopia
74, 13.395, 236.253

Trichromacy



Original Color
74, 50.510, 132.433

Protanomaly
74, 42.226, 111.245

Deuteranomaly
73, 35.798, 101.271

Tritanomaly
74, 19.313, 159.905

Monochromacy



Original Color
74, 50.510, 132.433

Achromatopsia
70, 0.009, 296.813

Achromatomaly
71, 18.734, 134.268

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 50.510, 132.433 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(140, 197, 111)` looks like.

```
.text, #text, p{  
    color:rgb(140, 197, 111)  
}
```

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(140, 197, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 197, 111) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 50.510, 132.433 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(140, 197, 111) }
```

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

```
.border{ border-color:rgb(140, 197, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 197, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 197, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 197, 111);  
box-shadow:4px 4px 4px 4px rgb(140, 197,  
111) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 50.510, 132.433 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 197, 111) }
```

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

```
.background{ background-color: rgb(140,  
197, 111) }
```

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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