

Converting Colors

CIELCh(74, 49.893, 136.921)

Have a look what the booklet for
CIELCh(74, 49.893, 136.921)
contains.

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Color

CIELCh(74, 49.893, 136.921)

Conversions

Conversions Part 1

Format	Color
Hex	84C675
RGB	132, 198, 117
RGB Percent	52%, 78%, 46%
CMY	0.4815, 0.2226, 0.5403
CMYK	0.33, 0.00, 0.41, 0.22
HSL	109°, 42%, 62%
HSV	109°, 41%, 78%
XYZ	33.0189, 46.7039, 24.1686
YIQ	169.0320, -13.3350, -39.1830

Conversions

Conversions Part 2

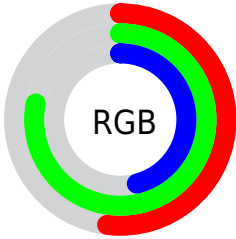
Format	Color
RYB	117, 198, 183
Decimal	8701557
CIELab	74.00, -36.44, 34.08
CIELCh	74, 49.893, 136.921
Yxy	46.7039, 0.3178, 0.4495
Android (android.graphics.Color)	4286891637 (0xFF84C675)
YUV	169.0320, -25.6518, -32.4771
Hunter-Lab	68.3403, -33.3526, 26.8703

Details

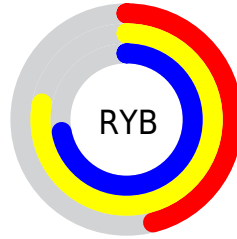
The CIELCh color **74, 49.893, 136.921** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **59, 50.677, 321.040**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 49.896, 136.993**, and **54, 50.078, 136.837** is the 20% darker color. If you saturate the color by 10%, you get **73, 61.417, 136.220**, and if you desaturate by 10%, it is **75, 37.877, 137.591**.

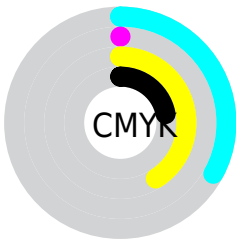
Distribution



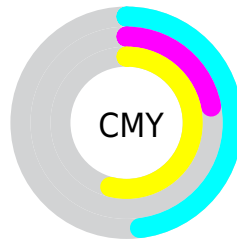
- Red (52%)
- Green (78%)
- Blue (46%)



- Red (46%)
- Yellow (78%)
- Blue (72%)



- Cyan (33%)
- Magenta (0%)
- Yellow (41%)
- Black (22%)





- Cyan (48%)
- Magenta (22%)
- Yellow (54%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 49.893, 136.921 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, 49.893, 136.921 by changing the saturation by 10% instead.


 74, 49.893,
136.921

 74, 49.893,
136.921


 100, 49.893,
136.921


 64, 49.893,
136.921


 94, 49.893,
136.921

 54, 49.893,
136.921

 44, 49.893,
136.921

 34, 49.893,
136.921

 24, 49.893,
136.921

 14, 49.893,
136.921

 4, 49.893, 136.921

0, 49.893, 136.921

74, 49.893,
136.921

74, 49.893,
136.921

73, 61.417,
136.220

75, 37.877,
137.591

72, 72.108,
135.539

77, 25.615,
138.204

71, 81.531,
134.964

78, 13.295,
138.755

71, 89.169,
134.617

80, 1.051, 139.414

70, 94.540,
134.620

82, 11.022,
319.604

70, 97.558,
134.864

84, 22.858,
319.965

■ 86, 33.976,
320.677

■ 86, 35.607,
325.662

Harmonies

Complementary

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



74, 49.893, 136.921



59, 50.677, 321.040

Rectangle

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



74, 49.893, 136.921



74, 49.893, 186.921



74, 49.893, 316.921



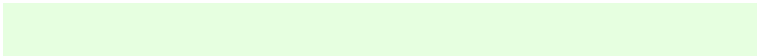
74, 49.893, 6.921

Sweetspot

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



74, 49.894, 136.922



98, 18.017, 138.686



74, 35.225, 95.592



52, 11.958, 138.615



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, 49.894, 136.922



92, 72.694, 136.301



74, 42.568, 150.707



41, 6.948, 138.832



59, 84.309, 134.737



11, 25.252, 139.931

Inverse Universe

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



59, 50.677, 321.040



70, 73.942, 321.366



60, 43.041, 337.347



39, 6.984, 319.649



33, 84.139, 321.287



4, 24.624, 319.081

Previews

White Background



This preview shows how the CIELCh color 74, 49.893, 136.921 looks on a white background.

Color Contrast Check

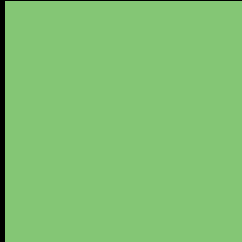
Large Text (above 18pt) WCAG AA × Fail

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, 49.893, 136.921 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, 49.893, 136.921

Background



This preview shows how black text looks on a background with the CIELCh color 74, 49.893, 136.921.



This preview shows how white text looks on a background with the CIELCh color 74, 49.893, 136.921.

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

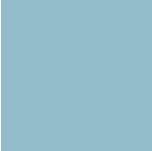
74, 49.893, 136.921

Protanopia

74, 37.953, 95.513

Deuteranopia

74, 33.177, 73.184

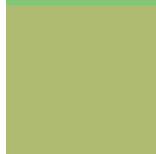


Tritanopia
74, 15.729, 229.803

Trichromacy



Original Color
74, 49.893, 136.921



Protanomaly
73, 39.444, 114.268



Deuteranomaly
73, 32.576, 104.046



Tritanomaly
74, 21.153, 166.947

Monochromacy



Original Color
74, 49.893, 136.921



Achromatopsia
69, 0.009, 296.813



Achromatomaly
71, 18.804, 138.022

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 49.893, 136.921 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(132, 198, 117)` looks like.

```
.text, #text, p{  
    color:rgb(132, 198, 117)  
}
```

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(132, 198, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 198, 117) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 49.893, 136.921 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(132, 198, 117) }
```

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

```
.border{ border-color:rgb(132, 198, 117) }
```

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

Here you see how a box with a 4 pixel rgb(132, 198, 117) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 198, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 198, 117);  
box-shadow:4px 4px 4px 4px rgb(132, 198,  
117) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 49.893, 136.921 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 198, 117) }
```

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

```
.background{ background-color: rgb(132,  
198, 117) }
```

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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