

Converting Colors

CIELCh(74, 50.467, 137.878)

Have a look what the booklet for
CIELCh(74, 50.467, 137.878)
contains.

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Color

CIELCh(74, 50.427, 137.892)

Conversions

Conversions Part 1

Format	Color
Hex	82C776
RGB	130, 199, 118
RGB Percent	51%, 78%, 46%
CMY	0.4915, 0.2210, 0.5385
CMYK	0.35, 0.00, 0.41, 0.22
HSL	111°, 42%, 62%
HSV	111°, 41%, 78%
XYZ	32.7467, 46.7039, 24.3272
YIQ	169.1350, -15.1230, -39.8190

Conversions

Conversions Part 2

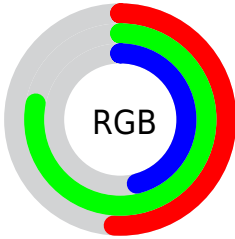
Format	Color
RYB	118, 199, 187
Decimal	8570742
CIELab	74.00, -37.41, 33.81
CIELCh	74, 50.427, 137.892
Yxy	46.7039, 0.3155, 0.4500
Android (android.graphics.Color)	4286760822 (0xFF82C776)
YUV	169.1350, -25.2096, -34.3214
Hunter-Lab	68.3403, -34.0635, 26.7326

Details

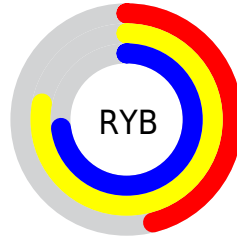
The CIELCh color **74, 50.427, 137.892** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **59, 51.004, 322.178**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 49.834, 137.927**, and **54, 50.610, 137.760** is the 20% darker color. If you saturate the color by 10%, you get **73, 62.080, 137.131**, and if you desaturate by 10%, it is **75, 38.256, 138.609**.

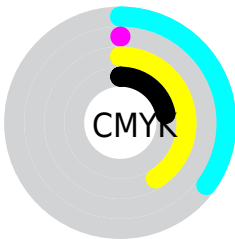
Distribution



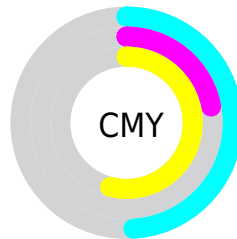
- Red (51%)
- Green (78%)
- Blue (46%)



- Red (46%)
- Yellow (78%)
- Blue (73%)



- Cyan (35%)
- Magenta (0%)
- Yellow (41%)
- Black (22%)





- Cyan (49%)
- Magenta (22%)
- Yellow (54%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 74, 50.427, 137.892 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, 50.427, 137.892 by changing the saturation by 10% instead.


 74, 50.427,
137.892


 74, 50.427,
137.892


 100, 50.427,
137.892


 64, 50.427,
137.892


 94, 50.427,
137.892

 54, 50.427,
137.892

 44, 50.427,
137.892

 34, 50.427,
137.892

 24, 50.427,
137.892

 14, 50.427,
137.892

 4, 50.427, 137.892

0, 50.427, 137.892

74, 50.427,
137.892

74, 50.427,
137.892

73, 62.080,
137.131

75, 38.256,
138.609

72, 72.862,
136.371

77, 25.827,
139.257

71, 82.328,
135.700

78, 13.337,
139.833

71, 89.955,
135.238

80, 0.930, 140.547

70, 95.259,
135.109

82, 11.292,
320.713

70, 98.187,
135.227

84, 23.261,
321.085

■ 86, 34.164,
322.150

■ 87, 35.342,
325.653

Harmonies

Complementary

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



74, 50.427, 137.892



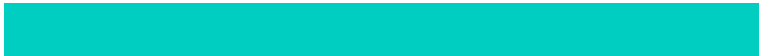
59, 51.004, 322.178

Rectangle

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



74, 50.427, 137.892



74, 50.427, 187.892



74, 50.427, 317.892



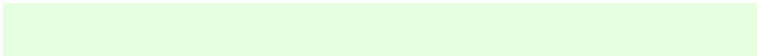
74, 50.427, 7.892

Sweetspot

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



74, 50.428, 137.893



97, 18.227, 139.755



75, 36.813, 98.685



52, 12.098, 139.681



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, 50.428, 137.893



91, 73.504, 137.211



74, 40.893, 152.700



41, 7.029, 139.907



58, 84.736, 135.119



11, 25.516, 140.700

Inverse Universe

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



59, 51.004, 322.178



70, 74.367, 322.516



60, 41.613, 339.662



39, 7.060, 320.756



34, 83.738, 322.621



4, 25.047, 320.783

Previews

White Background



This preview shows how the CIELCh color 74, 50.427, 137.892 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, 50.427, 137.892 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, 50.427, 137.892

Background



This preview shows how black text looks on a background with the CIELCh color 74, 50.427, 137.892.



This preview shows how white text looks on a background with the CIELCh color 74, 50.427, 137.892.

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, 50.427, 137.892

Protanopia

74, 37.953, 95.513

Deuteranopia

74, 32.462, 73.351



Tritanopia
74, 16.483, 230.411

Trichromacy



Original Color
74, 50.427, 137.892

Protanomaly
73, 39.507, 114.855

Deuteranomaly
73, 32.038, 104.799

Tritanomaly
74, 21.704, 169.369

Monochromacy



Original Color
74, 50.427, 137.892

Achromatopsia
69, 0.009, 296.813

Achromatomaly
71, 19.000, 138.980

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 50.427, 137.892 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(130, 199, 118)` looks like.

```
.text, #text, p{  
    color:rgb(130, 199, 118)  
}
```

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(130, 199, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 199, 118) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 50.427, 137.892 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(130, 199, 118) }
```

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

```
.border{ border-color:rgb(130, 199, 118) }
```

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

Here you see how a box with a 4 pixel rgb(130, 199, 118) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 199, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 199, 118);  
box-shadow:4px 4px 4px 4px rgb(130, 199,  
118) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 50.427, 137.892 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 199, 118) }
```

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

```
.background{ background-color: rgb(130,  
199, 118) }
```

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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