

Converting Colors

CIELCh(74, 50.020, 138.840)

Have a look what the booklet for
CIELCh(74, 50.020, 138.840)
contains.

CIELCh(74, 50.376, 138.818)	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, 50.376, 138.818)

Conversions

Conversions Part 1

Format	Color
Hex	80C777
RGB	128, 199, 119
RGB Percent	50%, 78%, 47%
CMY	0.4985, 0.2200, 0.5337
CMYK	0.36, 0.00, 0.40, 0.22
HSL	113°, 42%, 62%
HSV	113°, 40%, 78%
XYZ	32.6059, 46.7039, 24.7157
YIQ	168.6510, -16.6360, -39.9320

Conversions

Conversions Part 2

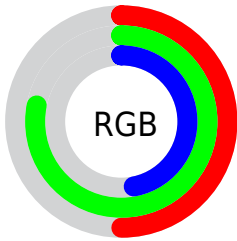
Format	Color
RYB	119, 199, 190
Decimal	8439671
CIELab	74.00, -37.91, 33.17
CIELCh	74, 50.376, 138.818
Yxy	46.7039, 0.3134, 0.4490
Android (android.graphics.Color)	4286629751 (0xFF80C777)
YUV	168.6510, -24.4779, -35.6509
Hunter-Lab	68.3403, -34.4313, 26.3956

Details

The CIELCh color **74, 50.376, 138.818** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **60, 50.763, 323.235**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 49.781, 138.856**, and **54, 50.744, 138.929** is the 20% darker color. If you saturate the color by 10%, you get **73, 62.170, 137.996**, and if you desaturate by 10%, it is **75, 38.050, 139.579**.

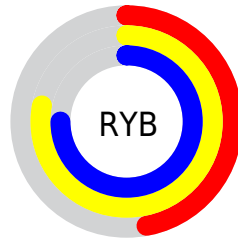
Distribution



Red (50%)

Green (78%)

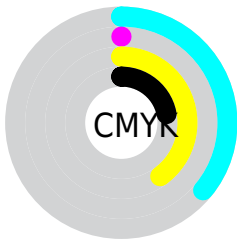
Blue (47%)



Red (47%)

Yellow (78%)

Blue (75%)

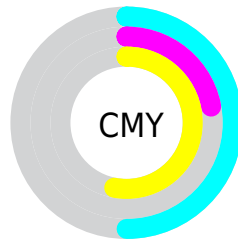


Cyan (36%)

Magenta (0%)

Yellow (40%)

Black (22%)



Cyan (50%)


Magenta (22%)


Yellow (53%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 50.376, 138.818 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, 50.376, 138.818 by changing the saturation by 10% instead.

 74, 50.376,
138.818

 74, 50.376,
138.818


 100, 50.376,
138.818


 64, 50.376,
138.818


 94, 50.376,
138.818

 54, 50.376,
138.818

 44, 50.376,
138.818

 34, 50.376,
138.818

 24, 50.376,
138.818

 14, 50.376,
138.818

 4, 50.376, 138.818

0, 50.376, 138.818

74, 50.376,
138.818

74, 50.376,
138.818

73, 62.170,
137.996

75, 38.050,
139.579

72, 73.070,
137.156

77, 25.461,
140.260

71, 82.626,
136.381

78, 12.816,
140.860

71, 90.312,
135.791

80, 0.265, 142.221

70, 95.641,
135.514

82, 12.086,
321.769

70, 98.638,
135.501

84, 24.165,
322.149

■ 86, 34.569,
323.858

■ 87, 35.193,
325.648

Harmonies

Complementary

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



74, 50.376, 138.818



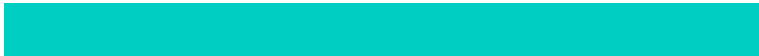
60, 50.763, 323.235

Rectangle

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



74, 50.376, 138.818



74, 50.376, 188.818



74, 50.376, 318.818



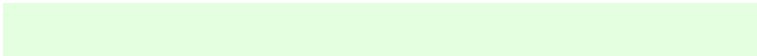
74, 50.376, 8.818

Sweetspot

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



74, 50.377, 138.819



97, 18.433, 140.748



76, 37.491, 100.635



52, 12.235, 140.671



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, 50.377, 138.819



91, 72.868, 138.123



74, 39.349, 154.169



41, 7.108, 140.908



58, 85.070, 135.412



11, 25.771, 141.417

Inverse Universe

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



60, 50.763, 323.235



71, 73.388, 323.571



60, 40.247, 341.253



39, 7.134, 321.790



35, 83.411, 323.927



4, 25.458, 322.360

Previews

White Background



This preview shows how the CIELCh color 74, 50.376, 138.818 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, 50.376, 138.818 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, 50.376, 138.818

Background



This preview shows how black text looks on a background with the CIELCh color 74, 50.376, 138.818.

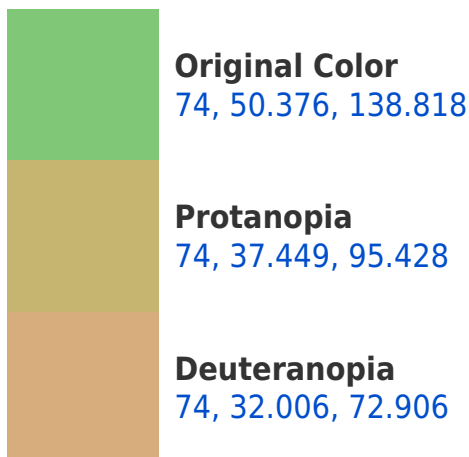


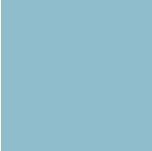
This preview shows how white text looks on a background with the CIELCh color 74, 50.376, 138.818.

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





Tritanopia
74, 17.043, 227.048

Trichromacy



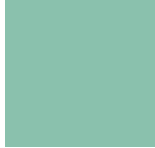
Original Color
74, 50.376, 138.818



Protanomaly
74, 39.045, 115.605



Deuteranomaly
73, 31.504, 105.572



Tritanomaly
74, 22.561, 168.939

Monochromacy



Original Color
74, 50.376, 138.818



Achromatopsia
69, 0.009, 296.813



Achromatomaly
71, 18.736, 140.767

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 50.376, 138.818 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(128, 199, 119)` looks like.

```
.text, #text, p{  
    color:rgb(128, 199, 119)  
}
```

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(128, 199, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 199, 119) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 50.376, 138.818 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(128, 199, 119) }
```

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

```
.border{ border-color:rgb(128, 199, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 199, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 199, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 199, 119);  
box-shadow:4px 4px 4px 4px rgb(128, 199,  
119) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 50.376, 138.818 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 199, 119) }
```

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

```
.background{ background-color: rgb(128,  
199, 119) }
```

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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