

Converting Colors

CIELCh(74, 50.887, 141.501)

Have a look what the booklet for
CIELCh(74, 50.887, 141.501)
contains.

| | |
|--|----|
| CIELCh(74, 50.848, 141.519) | 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, 50.848, 141.519)

Conversions

Conversions Part 1

| Format | Color |
|---------------|------------------------------|
| Hex | 7AC87A |
| RGB | 122, 200, 122 |
| RGB Percent | 48%, 78%, 48% |
| CMY | 0.5226, 0.2167, 0.5225 |
| CMYK | 0.39, 0.00, 0.39, 0.22 |
| HSL | 120°, 41%, 63% |
| HSV | 120°, 39%, 78% |
| XYZ | 32.0804, 46.7039, 25.6571 |
| YIQ | 167.7860, -21.4500, -40.7940 |

Conversions

Conversions Part 2

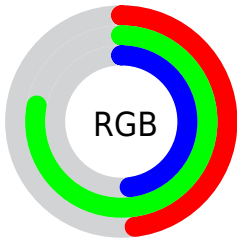
| Format | Color |
|-------------------------------------|--|
| RYB | 122, 200, 200 |
| Decimal | 8046714 |
| CIELab | 74.00, -39.80, 31.64 |
| CIELCh | 74, 50.848, 141.519 |
| Yxy | 46.7039, 0.3072, 0.4472 |
| Android (android.graphics.Color) | 4286236794 (0xFF7AC87A) |
| YUV | 167.7860, -22.5725, -40.1543 |
| Hunter-Lab | 68.3403, -35.8038, 25.5788 |

Details

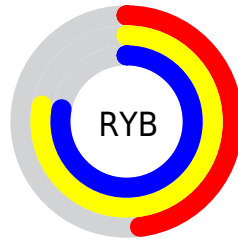
The CIELCh color **74, 50.848, 141.519** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **62, 50.760, 326.525**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 49.670, 141.612**, and **54, 50.571, 141.499** is the 20% darker color. If you saturate the color by 10%, you get **73, 63.024, 140.481**, and if you desaturate by 10%, it is **75, 38.055, 142.443**.

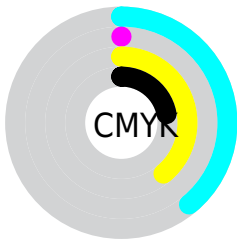
Distribution



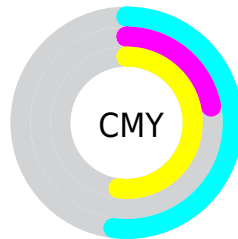
- Red (48%)
- Green (78%)
- Blue (48%)



- Red (48%)
- Yellow (78%)
- Blue (78%)



- Cyan (39%)
- Magenta (0%)
- Yellow (39%)
- Black (22%)





- Cyan (52%)
- Magenta (22%)
- Yellow (52%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 50.848, 141.519 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, 50.848, 141.519 by changing the saturation by 10% instead.


 74, 50.848,
141.519

 74, 50.848,
141.519


 100, 50.848,
141.519


 64, 50.848,
141.519


 94, 50.848,
141.519

 54, 50.848,
141.519

 44, 50.848,
141.519

 34, 50.848,
141.519

 24, 50.848,
141.519

 14, 50.848,
141.519

 4, 50.848, 141.519

0, 50.848, 141.519

74, 50.848,
141.519

74, 50.848,
141.519

73, 63.024,
140.481

75, 38.055,
142.443

72, 74.185,
139.363

77, 24.957,
143.246

71, 83.858,
138.236

79, 11.798,
143.940

71, 91.519,
137.224

81, 1.240, 324.289

70, 96.695,
136.472

83, 14.032,
324.969

70, 99.430,
136.052

85, 26.495,
325.391

■ 70, 99.650,
136.017

■ 87, 34.660,
325.630

Harmonies

Complementary

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



74, 50.848, 141.519



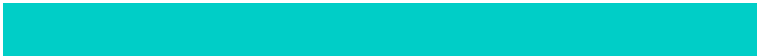
62, 50.760, 326.525

Rectangle

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



74, 50.848, 141.519



74, 50.848, 191.519



74, 50.848, 321.519



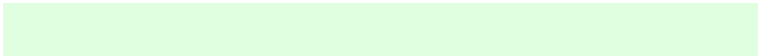
74, 50.848, 11.519

Sweetspot

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



74, 50.849, 141.519



97, 19.115, 143.733



79, 40.659, 106.440



52, 12.688, 143.643



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, 50.849, 141.519



91, 73.806, 140.630



75, 34.914, 159.833



41, 7.370, 143.919



58, 85.772, 136.018



11, 26.594, 143.594

Inverse Universe

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



62, 50.760, 326.525



73, 73.483, 326.933



60, 36.569, 347.494



39, 7.381, 324.937



39, 82.748, 328.240



4, 26.737, 327.032

Previews

White Background



This preview shows how the CIELCh color 74, 50.848, 141.519 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, 50.848, 141.519 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, 50.848, 141.519

Background



This preview shows how black text looks on a background with the CIELCh color 74, 50.848, 141.519.

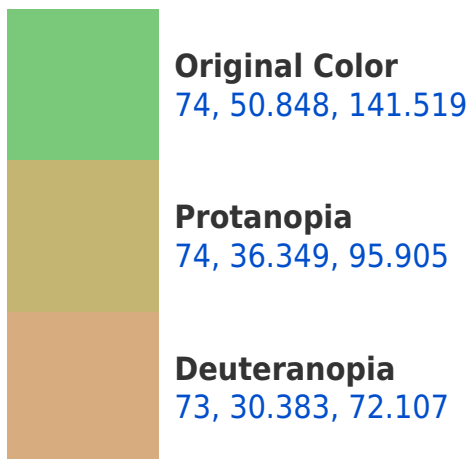


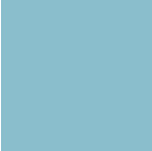
This preview shows how white text looks on a background with the CIELCh color 74, 50.848, 141.519.

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, 18.618, 224.310

Trichromacy



Original Color
74, 50.848, 141.519



Protanomaly
73, 38.280, 117.710



Deuteranomaly
73, 30.439, 108.749

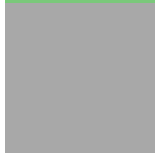


Tritanomaly
74, 24.234, 172.354

Monochromacy



Original Color
74, 50.848, 141.519



Achromatopsia
69, 0.009, 296.813



Achromatomaly
70, 19.377, 143.463

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 50.848, 141.519 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(122, 200, 122)` looks like.

```
.text, #text, p{  
    color:rgb(122, 200, 122)  
}
```

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(122, 200, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 200, 122) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 50.848, 141.519 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(122, 200, 122) }
```

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

```
.border{ border-color:rgb(122, 200, 122) }
```

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

Here you see how a box with a 4 pixel rgb(122, 200, 122) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 200, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 200, 122);  
box-shadow:4px 4px 4px 4px rgb(122, 200,  
122) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 50.848, 141.519 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 200, 122) }
```

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

```
.background{ background-color: rgb(122,  
200, 122) }
```

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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