

Converting Colors

CIELCh(74, 49.982, 155.929)

Have a look what the booklet for
CIELCh(74, 49.982, 155.929)
contains.

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Color

CIELCh(74, 50.113, 155.868)

Conversions

Conversions Part 1

Format	Color
Hex	5BCB8F
RGB	91, 203, 143
RGB Percent	36%, 80%, 56%
CMY	0.6447, 0.2054, 0.4406
CMYK	0.55, 0.00, 0.30, 0.21
HSL	148°, 52%, 57%
HSV	148°, 55%, 79%
XYZ	30.4691, 46.7039, 33.2522
YIQ	162.6720, -47.4920, -42.4040

Conversions

Conversions Part 2

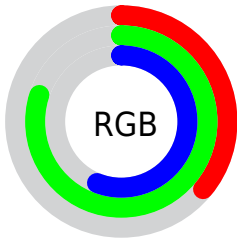
Format	Color
RYB	91, 167, 203
Decimal	6015887
CIELab	74.00, -45.73, 20.49
CIELCh	74, 50.113, 155.868
Yxy	46.7039, 0.2759, 0.4229
Android (android.graphics.Color)	4284205967 (0xFF5BCB8F)
YUV	162.6720, -9.6983, -62.8563
Hunter-Lab	68.3403, -40.0124, 18.9896

Details

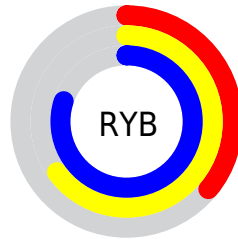
The CIELCh color **74, 50.113, 155.868** is a dark color, and the websafe version is hex **66CC99**. The color can be described as middle muted spring green. A complement of this color would be **54, 52.288, 347.636**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **93, 46.917, 157.096**, and **54, 50.305, 155.726** is the 20% darker color. If you saturate the color by 10%, you get **73, 57.745, 154.283**, and if you desaturate by 10%, it is **75, 41.810, 157.262**.

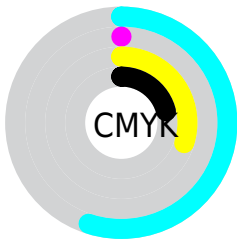
Distribution



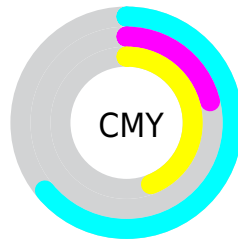
- Red (36%)
- Green (80%)
- Blue (56%)



- Red (36%)
- Yellow (65%)
- Blue (80%)



- Cyan (55%)
- Magenta (0%)
- Yellow (30%)
- Black (21%)



- Cyan (64%)
- Magenta (21%)
- Yellow (44%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 50.113, 155.868 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, 50.113, 155.868 by changing the saturation by 10% instead.

 74, 50.113,
155.868

 74, 50.113,
155.868

 100, 50.113,
155.868

 64, 50.113,
155.868


 94, 50.113,
155.868


 54, 50.113,
155.868

 44, 50.113,
155.868

 34, 50.113,
155.868

 24, 50.113,
155.868

 14, 50.113,
155.868

 4, 50.113, 155.868

0, 50.113, 155.868

74, 50.113,
155.868

74, 50.113,
155.868

73, 57.745,
154.283

75, 41.810,
157.262

73, 64.579,
152.491

76, 32.988,
158.489

72, 70.543,
150.491

77, 23.812,
159.574

72, 75.643,
148.305

79, 14.431,
160.544

72, 77.849,
147.281

81, 4.980, 161.453

82, 4.434, 342.056

84, 13.728,

342.818

■ 87, 22.842,
343.472

■ 87, 27.050,
334.955

Harmonies

Complementary

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



74, 50.113, 155.868



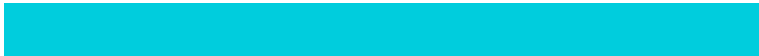
54, 52.288, 347.636

Rectangle

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



74, 50.113, 155.868



74, 50.113, 205.868



74, 50.113, 335.868



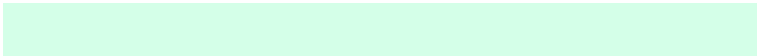
74, 50.113, 25.868

Sweetspot

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



74, 50.114, 155.868



97, 19.339, 160.363



76, 60.702, 124.755



51, 12.931, 160.170



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, 50.114, 155.868



90, 70.039, 154.010



75, 33.781, 191.750



42, 5.382, 161.077



60, 66.557, 147.636



12, 21.967, 153.785

Inverse Universe

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



54, 52.288, 347.636



63, 72.435, 349.618



53, 48.799, 22.720



40, 5.440, 342.505



36, 61.917, 358.334



4, 20.297, 351.298

Previews

White Background



This preview shows how the CIELCh color 74, 50.113, 155.868 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, 50.113, 155.868 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, 50.113, 155.868

Background



This preview shows how black text looks on a background with the CIELCh color 74, 50.113, 155.868.

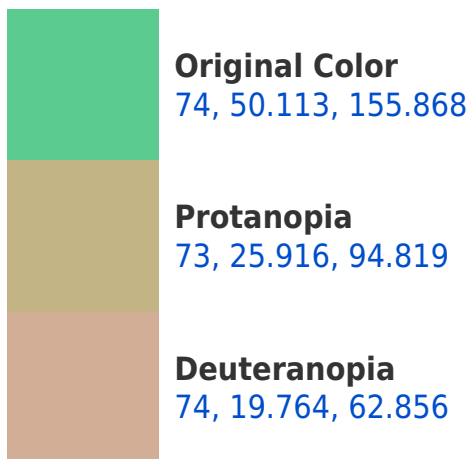


This preview shows how white text looks on a background with the CIELCh color 74, 50.113, 155.868.

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, 26.575, 216.861

Trichromacy



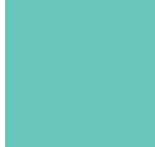
Original Color
74, 50.113, 155.868



Protanomaly
73, 30.148, 132.172



Deuteranomaly
73, 21.174, 127.683



Tritanomaly
74, 30.737, 185.816

Monochromacy



Original Color
74, 50.113, 155.868



Achromatopsia
67, 0.008, 296.813



Achromatomaly
69, 19.578, 159.751

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 50.113, 155.868 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(91, 203, 143)` looks like.

```
.text, #text, p{  
    color:rgb(91, 203, 143)  
}
```

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(91, 203, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 203, 143) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 50.113, 155.868 is called "border". The border property can be set on classes, ids or directly on the HTML element.

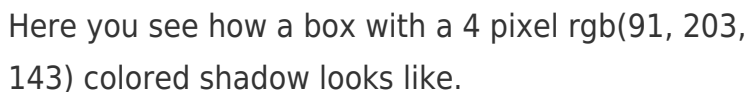
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(91, 203, 143) }
```

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

```
.border{ border-color:rgb(91, 203, 143) }
```

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



Here you see how a box with a 4 pixel `rgb(91, 203, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 203, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 203, 143);  
box-shadow:4px 4px 4px 4px rgb(91, 203,  
143) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 50.113, 155.868 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 203, 143) }
```

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

```
.background{ background-color: rgb(91, 203,  
143) }
```

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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