

Converting Colors

CIELCh(74, 50.609, 169.475)

Have a look what the booklet for
CIELCh(74, 50.609, 169.475)
contains.

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Color

CIELCh(74, 50.865, 169.171)

Conversions

Conversions Part 1

Format	Color
Hex	2BCDA3
RGB	43, 205, 163
RGB Percent	17%, 80%, 64%
CMY	0.8328, 0.1969, 0.3616
CMYK	0.79, 0.00, 0.21, 0.20
HSL	164°, 66%, 49%
HSV	164°, 79%, 80%
XYZ	29.3542, 46.7039, 42.0240
YIQ	151.7740, -83.0700, -47.4060

Conversions

Conversions Part 2

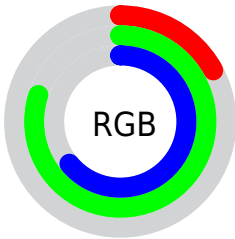
Format	Color
RYB	43, 136, 205
Decimal	2870691
CIELab	74.00, -49.96, 9.56
CIELCh	74, 50.865, 169.171
Yxy	46.7039, 0.2486, 0.3955
Android (android.graphics.Color)	4281060771 (0xFF2BCDA3)
YUV	151.7740, 5.5344, -95.3948
Hunter-Lab	68.3403, -42.9245, 11.3794

Details

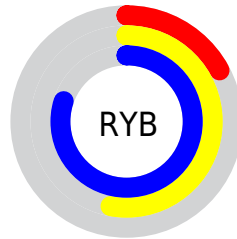
The CIELCh color **74, 50.865, 169.171** is a dark color, and the websafe version is hex **33CC99**. The color can be described as middle muted spring green. A complement of this color would be **46, 65.804, 14.693**, and the grayscale version is **63, 0.008, 296.813**.

A 20% lighter version of the original color is **92, 46.938, 172.343**, and **55, 44.950, 165.560** is the 20% darker color. If you saturate the color by 10%, you get **74, 54.160, 167.308**, and if you desaturate by 10%, it is **74, 46.730, 170.843**.

Distribution



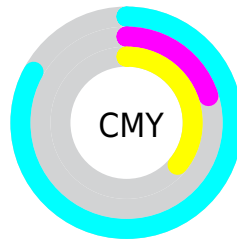
- Red (17%)
- Green (80%)
- Blue (64%)



- Red (17%)
- Yellow (53%)
- Blue (80%)



- Cyan (79%)
- Magenta (0%)
- Yellow (21%)
- Black (20%)





- Cyan (83%)
- Magenta (20%)
- Yellow (36%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 74, 50.865, 169.171 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, 50.865, 169.171 by changing the saturation by 10% instead.


 74, 50.865,
169.171


 74, 50.865,
169.171


 100, 50.865,
169.171


 64, 50.865,
169.171


 94, 50.865,
169.171

 54, 50.865,
169.171

 44, 50.865,
169.171

 34, 50.865,
169.171

 24, 50.865,
169.171

 14, 50.865,
169.171

 4, 50.865, 169.171

■ 0, 50.865, 169.171

■ 74, 50.865,
169.171

■ 74, 50.865,
169.171

■ 74, 54.160,
167.308

■ 74, 46.730,
170.843

■ 73, 56.760,
165.290

■ 75, 41.747,
172.343

■ 73, 56.965,
165.127

■ 76, 35.975,
173.695

■ 77, 29.513,
174.921

■ 78, 22.489,
176.047

■ 79, 15.035,
177.095

■ 81, 7.281, 178.097

■ 82, 0.659, 358.179

■ 84, 8.686, 359.744

Harmonies

Complementary

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



74, 50.865, 169.171



46, 65.804, 14.693

Rectangle

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



74, 50.865, 169.171



74, 50.865, 219.171



74, 50.865, 349.171



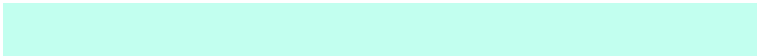
74, 50.865, 39.171

Sweetspot

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



74, 50.865, 169.170



96, 22.297, 176.566



73, 88.552, 133.026



50, 15.218, 176.184



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, 50.865, 169.170



90, 66.084, 165.887



64, 35.091, 234.911



42, 4.483, 178.076



60, 48.436, 165.468



13, 16.847, 170.457

Inverse Universe

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



46, 65.804, 14.693



54, 87.819, 23.151



51, 66.170, 44.256



40, 4.624, 359.697



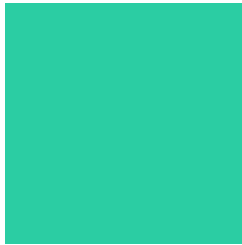
35, 64.688, 24.208



4, 18.396, 6.873

Previews

White Background



This preview shows how the CIELCh color 74, 50.865, 169.171 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 CIE LCh color 74, 50.865, 169.171 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

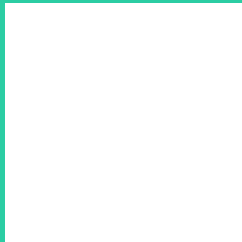
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 74, 50.865, 169.171

Background



This preview shows how black text looks on a background with the CIELCh color 74, 50.865, 169.171.

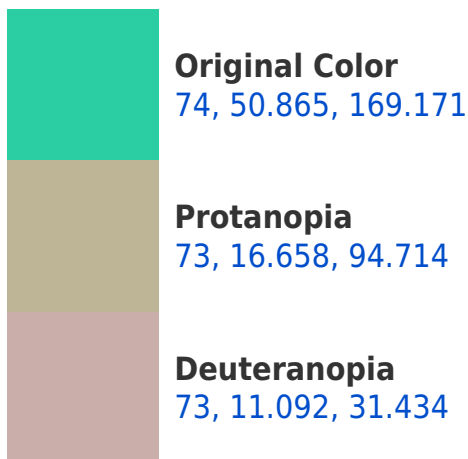


This preview shows how white text looks on a background with the CIELCh color 74, 50.865, 169.171.

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, 34.331, 211.869

Trichromacy



Original Color
74, 50.865, 169.171



Protanomaly
72, 27.069, 154.442



Deuteranomaly
72, 18.040, 165.061

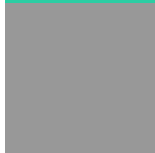


Tritanomaly
74, 38.026, 192.483

Monochromacy



Original Color
74, 50.865, 169.171



Achromatopsia
63, 0.008, 296.813



Achromatomaly
66, 22.648, 175.858

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 50.865, 169.171 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(43, 205, 163)` looks like.

```
.text, #text, p{  
    color:rgb(43, 205, 163)  
}
```

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(43, 205, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(43, 205, 163) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 50.865, 169.171 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(43, 205, 163) }
```

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

```
.border{ border-color:rgb(43, 205, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(43, 205, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(43, 205, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(43, 205, 163);  
box-shadow:4px 4px 4px 4px rgb(43, 205,  
163) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 50.865, 169.171 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(43, 205, 163) }
```

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

```
.background{ background-color: rgb(43, 205,  
163) }
```

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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