

Converting Colors

CIELCh(74, 44.502, 168.986)

Have a look what the booklet for
CIELCh(74, 44.502, 168.986)
contains.

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Color

CIELCh(74, 44.351, 169.254)

Conversions

Conversions Part 1

Format	Color
Hex	4CCAA5
RGB	76, 202, 165
RGB Percent	30%, 79%, 65%
CMY	0.7002, 0.2063, 0.3515
CMYK	0.62, 0.00, 0.18, 0.21
HSL	162°, 54%, 55%
HSV	162°, 62%, 79%
XYZ	31.0498, 46.7039, 43.1481
YIQ	160.1080, -63.2190, -38.2190

Conversions

Conversions Part 2

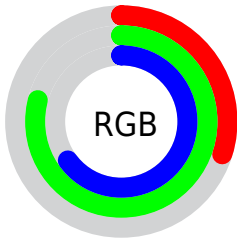
Format	Color
RYB	76, 150, 202
Decimal	5032613
CIELab	74.00, -43.57, 8.27
CIELCh	74, 44.351, 169.254
Yxy	46.7039, 0.2568, 0.3863
Android (android.graphics.Color)	4283222693 (0xFF4CAA5)
YUV	160.1080, 2.4118, -73.7627
Hunter-Lab	68.3403, -38.4957, 10.4042

Details

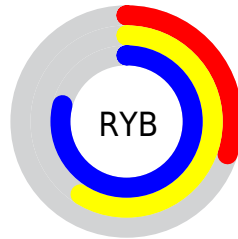
The CIELCh color **74, 44.351, 169.254** is a dark color, and the websafe version is hex **66CC99**. The color can be described as middle muted spring green. A complement of this color would be **51, 53.379, 6.026**, and the grayscale version is **66, 0.008, 296.813**.

A 20% lighter version of the original color is **93, 41.989, 171.220**, and **54, 42.694, 168.182** is the 20% darker color. If you saturate the color by 10%, you get **73, 49.341, 167.638**, and if you desaturate by 10%, it is **75, 38.573, 170.699**.

Distribution



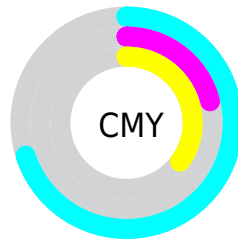
- Red (30%)
- Green (79%)
- Blue (65%)



- Red (30%)
- Yellow (59%)
- Blue (79%)



- Cyan (62%)
- Magenta (0%)
- Yellow (18%)
- Black (21%)



- Cyan (70%)
- Magenta (21%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 44.351, 169.254 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, 44.351, 169.254 by changing the saturation by 10% instead.

 74, 44.351,
169.254

 74, 44.351,
169.254

 100, 44.351,
169.254


 64, 44.351,
169.254


 94, 44.351,
169.254

 54, 44.351,
169.254

 44, 44.351,
169.254

 34, 44.351,
169.254

 24, 44.351,
169.254

 14, 44.351,
169.254

 4, 44.351, 169.254

■ 0, 44.351, 169.254

■ 74, 44.351,
169.254

■ 74, 44.351,
169.254

■ 73, 49.341,
167.638

■ 75, 38.573,
170.699

■ 73, 53.495,
165.835

■ 76, 32.098,
172.002

■ 73, 56.841,
163.832

■ 77, 25.051,
173.187

■ 72, 59.035,
162.193

■ 78, 17.565,
174.276

■ 79, 9.771, 175.297

■ 81, 1.789, 176.449

■ 83, 6.281, 356.977

■ 85, 14.357,
357.848

■ 86, 21.144,
357.112

Harmonies

Complementary

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



74, 44.351, 169.254



51, 53.379, 6.026

Rectangle

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



74, 44.351, 169.254



74, 44.351, 219.254



74, 44.351, 349.254



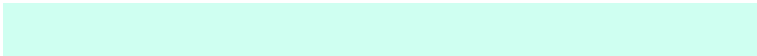
74, 44.351, 39.254

Sweetspot

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



74, 44.351, 169.253



96, 18.181, 174.584



74, 72.310, 132.609



51, 12.466, 174.283



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, 44.351, 169.253



90, 60.715, 166.978



68, 30.525, 224.840



42, 4.572, 175.581



60, 50.627, 162.530



12, 17.452, 167.783

Inverse Universe

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



51, 53.379, 6.026



58, 74.928, 10.505



55, 49.940, 40.666



40, 4.700, 357.210



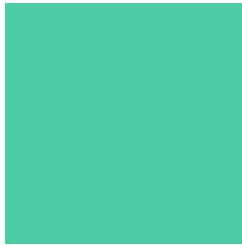
35, 63.528, 21.145



4, 18.526, 5.199

Previews

White Background



This preview shows how the CIE LCh color 74, 44.351, 169.254 looks on a white background.

Color Contrast Check

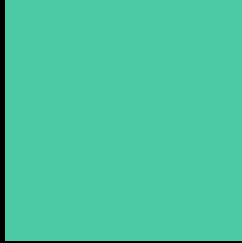
Large Text (above 18pt) WCAG AA × Fail

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, 44.351, 169.254 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

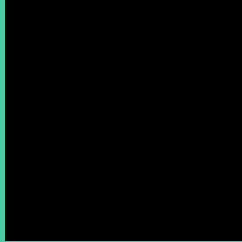
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

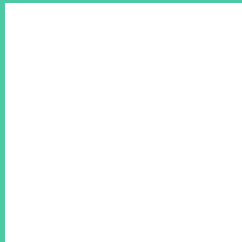
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 74, 44.351, 169.254

Background



This preview shows how black text looks on a background with the CIELCh color 74, 44.351, 169.254.

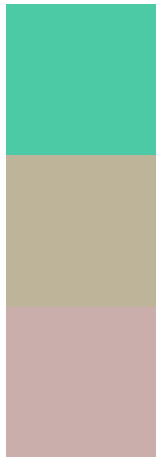


This preview shows how white text looks on a background with the CIELCh color 74, 44.351, 169.254.

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

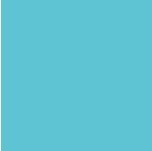
74, 44.351, 169.254

Protanopia

73, 14.570, 93.008

Deuteranopia

73, 10.582, 28.998



Tritanopia
74, 30.342, 214.136

Trichromacy



Original Color
74, 44.351, 169.254



Protanomaly
73, 21.977, 150.154



Deuteranomaly
72, 13.286, 160.543

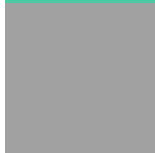


Tritanomaly
74, 32.913, 194.106

Monochromacy



Original Color
74, 44.351, 169.254



Achromatopsia
66, 0.008, 296.813



Achromatomaly
68, 18.196, 174.690

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 44.351, 169.254 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(76, 202, 165)` looks like.

```
.text, #text, p{  
    color:rgb(76, 202, 165)  
}
```

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(76, 202, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 202, 165) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 44.351, 169.254 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(76, 202, 165) }
```

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

```
.border{ border-color:rgb(76, 202, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 202, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 202, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 202, 165);  
box-shadow:4px 4px 4px 4px rgb(76, 202,  
165) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 44.351, 169.254 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 202, 165) }
```

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

```
.background{ background-color: rgb(76, 202,  
165) }
```

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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