

Converting Colors

CIELCh(74, 36.562, 176.017)

Have a look what the booklet for
CIELCh(74, 36.562, 176.017)
contains.

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Color

CIELCh(74, 36.771, 175.869)

Conversions

Conversions Part 1

Format	Color
Hex	5DC8B0
RGB	93, 200, 176
RGB Percent	36%, 78%, 69%
CMY	0.6358, 0.2161, 0.3102
CMYK	0.54, 0.00, 0.12, 0.22
HSL	167°, 49%, 57%
HSV	167°, 54%, 78%
XYZ	32.9532, 46.7039, 48.2926
YIQ	165.2710, -56.0680, -30.1480

Conversions

Conversions Part 2

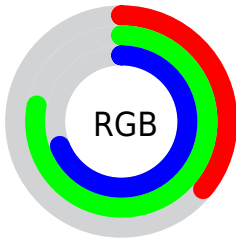
Format	Color
RYB	93, 153, 200
Decimal	6146224
CIELab	74.00, -36.68, 2.65
CIElCh	74, 36.771, 175.869
Yxy	46.7039, 0.2575, 0.3650
Android (android.graphics.Color)	4284336304 (0xFF5DC8B0)
YUV	165.2710, 5.2894, -63.3817
Hunter-Lab	68.3403, -33.5240, 5.9410

Details

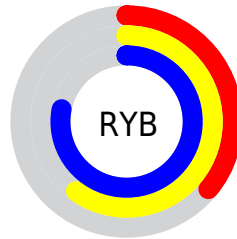
The CIELCh color **74, 36.771, 175.869** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted spring green. A complement of this color would be **53, 45.516, 9.130**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **93, 35.508, 177.579**, and **54, 36.422, 176.468** is the 20% darker color. If you saturate the color by 10%, you get **73, 41.836, 174.531**, and if you desaturate by 10%, it is **75, 30.966, 177.084**.

Distribution



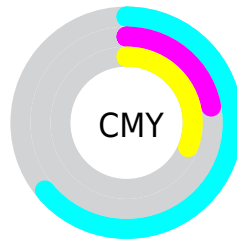
- Red (36%)
- Green (78%)
- Blue (69%)



- Red (36%)
- Yellow (60%)
- Blue (78%)



- Cyan (54%)
- Magenta (0%)
- Yellow (12%)
- Black (22%)





- Cyan (64%)
- Magenta (22%)
- Yellow (31%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 74, 36.771, 175.869 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, 36.771, 175.869 by changing the saturation by 10% instead.


 74, 36.771,
175.869

 74, 36.771,
175.869


 100, 36.771,
175.869


 64, 36.771,
175.869


 94, 36.771,
175.869

 54, 36.771,
175.869

 44, 36.771,
175.869

 34, 36.771,
175.869

 24, 36.771,
175.869

 14, 36.771,
175.869

 4, 36.771, 175.869

■ 0, 36.771, 175.869

■ 74, 36.771,
175.869

■ 74, 36.771,
175.869

■ 73, 41.836,
174.531

■ 75, 30.966,
177.084

■ 73, 46.082,
173.051

■ 76, 24.531,
178.203

■ 72, 49.481,
171.404

■ 77, 17.594,
179.246

■ 72, 52.076,
169.578

■ 78, 10.281,
180.236

■ 72, 53.467,
168.345

■ 80, 2.712, 181.289

■ 82, 5.009, 1.876

■ 83, 12.796, 2.771

■ 85, 20.580, 3.588

■ 86, 22.018,
358.446

Harmonies

Complementary

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



74, 36.771, 175.869



53, 45.516, 9.130

Rectangle

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



74, 36.771, 175.869



74, 36.771, 225.869



74, 36.771, 355.869



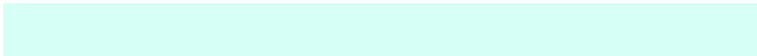
74, 36.771, 45.869

Sweetspot

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



74, 36.771, 175.868



97, 14.755, 179.972



73, 63.883, 134.823



51, 9.930, 179.767



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, 36.771, 175.868



91, 51.025, 174.335



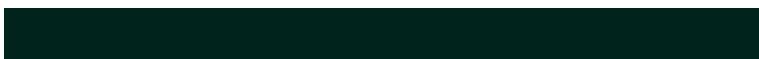
66, 27.254, 233.662



41, 4.312, 180.644



60, 45.804, 168.658



11, 15.568, 173.644

Inverse Universe

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



53, 45.516, 9.130



62, 65.964, 12.235



59, 39.781, 45.890



39, 4.463, 2.235



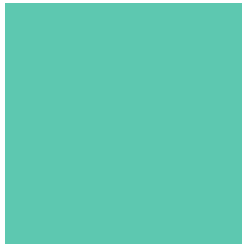
34, 65.230, 27.001



3, 16.252, 7.947

Previews

White Background



This preview shows how the CIELCh color 74, 36.771, 175.869 looks on a white background.

Color Contrast Check

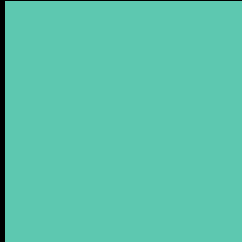
Large Text (above 18pt) WCAG AA × Fail

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, 36.771, 175.869 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

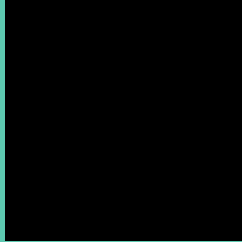
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

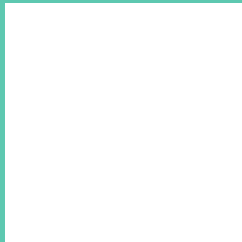
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 74, 36.771, 175.869

Background



This preview shows how black text looks on a background with the CIELCh color 74, 36.771, 175.869.

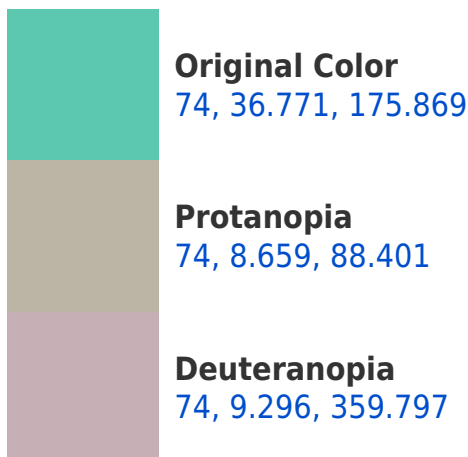


This preview shows how white text looks on a background with the CIELCh color 74, 36.771, 175.869.

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, 28.104, 215.668

Trichromacy



Original Color
74, 36.771, 175.869



Protanomaly
73, 16.004, 160.583



Deuteranomaly
73, 9.196, 181.503



Tritanomaly
74, 29.676, 198.270

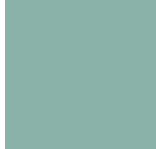
Monochromacy



Original Color
74, 36.771, 175.869



Achromatopsia
68, 0.008, 296.813



Achromatomaly
70, 15.010, 178.933

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 36.771, 175.869 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(93, 200, 176)` looks like.

```
.text, #text, p{  
    color:rgb(93, 200, 176)  
}
```

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(93, 200, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 200, 176) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 36.771, 175.869 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(93, 200, 176) }
```

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

```
.border{ border-color:rgb(93, 200, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 200, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 200, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 200, 176);  
box-shadow:4px 4px 4px 4px rgb(93, 200,  
176) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 36.771, 175.869 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 200, 176) }
```

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

```
.background{ background-color: rgb(93, 200,  
176) }
```

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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