

Converting Colors

CIELCh(74, 19.504, 180.810)

Have a look what the booklet for
CIELCh(74, 19.504, 180.810)
contains.

CIELCh(74, 19.405, 181.626)	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, 19.405, 181.626)

Conversions

Conversions Part 1

Format	Color
Hex	8BC0B6
RGB	139, 192, 182
RGB Percent	55%, 75%, 71%
CMY	0.4540, 0.2461, 0.2853
CMYK	0.28, 0.00, 0.05, 0.25
HSL	169°, 30%, 65%
HSV	169°, 28%, 75%
XYZ	38.0593, 46.7039, 51.3959
YIQ	175.0130, -28.3780, -14.3460

Conversions

Conversions Part 2

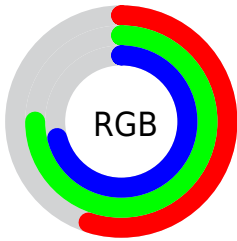
Format	Color
RYB	139, 168, 192
Decimal	9158838
CIELab	74.00, -19.40, -0.55
CIELCh	74, 19.405, 181.626
Yxy	46.7039, 0.2795, 0.3430
Android (android.graphics.Color)	4287348918 (0xFF8BC0B6)
YUV	175.0130, 3.4446, -31.5834
Hunter-Lab	68.3403, -20.1873, 3.2486

Details

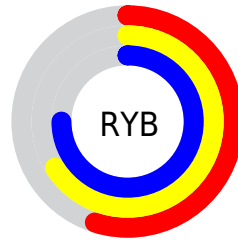
The CIELCh color **74, 19.405, 181.626** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **63, 21.818, 7.072**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 19.513, 181.237**, and **54, 19.268, 181.780** is the 20% darker color. If you saturate the color by 10%, you get **73, 25.749, 180.609**, and if you desaturate by 10%, it is **75, 12.624, 182.587**.

Distribution



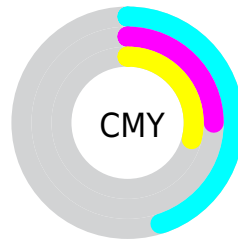
- Red (55%)
- Green (75%)
- Blue (71%)



- Red (55%)
- Yellow (66%)
- Blue (75%)



- Cyan (28%)
- Magenta (0%)
- Yellow (5%)
- Black (25%)





- Cyan (45%)
- Magenta (25%)
- Yellow (29%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 19.405, 181.626 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, 19.405, 181.626 by changing the saturation by 10% instead.

 74, 19.405,
181.626

 74, 19.405,
181.626


 100, 19.405,
181.626


 64, 19.405,
181.626


 94, 19.405,
181.626

 54, 19.405,
181.626

 44, 19.405,
181.626

 34, 19.405,
181.626

 24, 19.405,
181.626

 14, 19.405,
181.626

 4, 19.405, 181.626

0, 19.405, 181.626

74, 19.405,
181.626

74, 19.405,
181.626

73, 25.749,
180.609

75, 12.624,
182.587

72, 31.530,
179.526

77, 5.522, 183.541

71, 36.636,
178.354

78, 1.794, 4.039

80, 9.231, 5.096

71, 40.973,
177.071

82, 16.716, 5.925

70, 44.487,
175.655

84, 24.188, 6.713

84, 24.730, 2.510

70, 47.180,
174.085

84, 25.265,

■ 70, 49.151,
172.362

358.363

■ 70, 49.590,
171.945

■ 84, 25.934,
354.418

Harmonies

Complementary

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



74, 19.405, 181.626



63, 21.818, 7.072

Rectangle

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



74, 19.405, 181.626



74, 19.405, 231.626



74, 19.405, 1.626



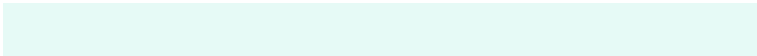
74, 19.405, 51.626

Sweetspot

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



74, 19.406, 181.623



97, 7.213, 183.486



74, 32.864, 137.390



51, 5.115, 183.338



99, 0.012, 296.813



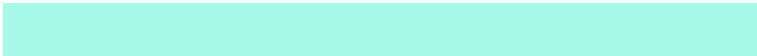
52, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



74, 19.406, 181.623



93, 28.308, 181.027



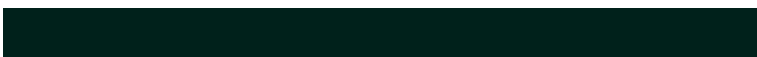
70, 15.044, 234.190



40, 4.151, 183.365



59, 43.276, 172.205



10, 14.212, 177.031

Inverse Universe

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



63, 21.818, 7.072



77, 32.724, 7.940



67, 17.712, 49.896



38, 4.312, 4.907



33, 65.901, 29.658



3, 14.258, 9.212

Previews

White Background



This preview shows how the CIELCh color 74, 19.405, 181.626 looks on a white background.

Color Contrast Check

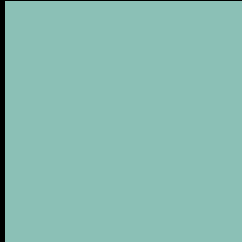
Large Text (above 18pt) WCAG AA × Fail

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, 19.405, 181.626 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

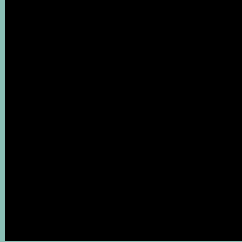
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

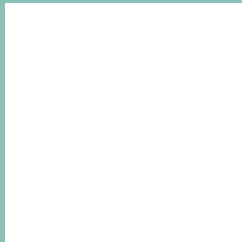
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 74, 19.405, 181.626

Background



This preview shows how black text looks on a background with the CIELCh color 74, 19.405, 181.626.



This preview shows how white text looks on a background with the CIELCh color 74, 19.405, 181.626.

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](#).

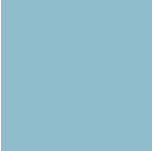
Dichromacy



Original Color
74, 19.405, 181.626

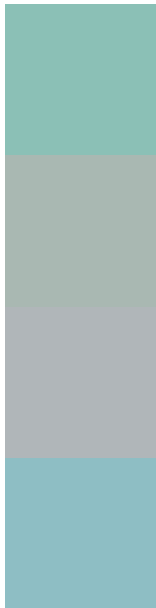
Protanopia
74, 3.116, 63.221

Deuteranopia
74, 9.566, 345.822



Tritanopia
74, 16.778, 227.558

Trichromacy



Original Color
74, 19.405, 181.626

Protanomaly
74, 6.463, 168.761

Deuteranomaly
74, 2.715, 236.271

Tritanomaly
74, 16.472, 209.673

Monochromacy



Original Color
74, 19.405, 181.626

Achromatopsia
71, 0.009, 296.813

Achromatomaly
72, 7.167, 185.696

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 19.405, 181.626 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(139, 192, 182)` looks like.

```
.text, #text, p{  
    color:rgb(139, 192, 182)  
}
```

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(139, 192, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 192, 182) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 19.405, 181.626 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(139, 192, 182) }
```

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

```
.border{ border-color:rgb(139, 192, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 192, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 192, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 192, 182);  
box-shadow:4px 4px 4px 4px rgb(139, 192,  
182) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 19.405, 181.626 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 192, 182) }
```

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

```
.background{ background-color: rgb(139,  
192, 182) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor