

Converting Colors

CIELCh(74, 19.140, 172.410)

Have a look what the booklet for
CIELCh(74, 19.140, 172.410)
contains.

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Color

CIELCh(74, 19.092, 172.706)

Conversions

Conversions Part 1

Format	Color
Hex	90C0B1
RGB	144, 192, 177
RGB Percent	56%, 75%, 69%
CMY	0.4360, 0.2477, 0.3066
CMYK	0.25, 0.00, 0.08, 0.25
HSL	161°, 28%, 66%
HSV	161°, 25%, 75%
XYZ	38.2019, 46.7039, 48.5066
YIQ	175.9380, -23.7930, -14.8410

Conversions

Conversions Part 2

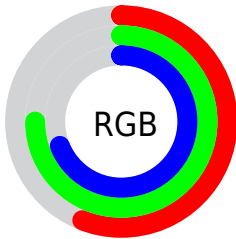
Format	Color
RYB	144, 172, 192
Decimal	9486513
CIELab	74.00, -18.94, 2.42
CIELCh	74, 19.092, 172.706
Yxy	46.7039, 0.2863, 0.3501
Android (android.graphics.Color)	4287676593 (0xFF90C0B1)
YUV	175.9380, 0.5236, -28.0096
Hunter-Lab	68.3403, -19.8149, 5.7553

Details

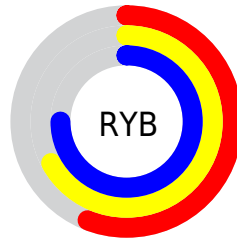
The CIELCh color **74, 19.092, 172.706** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **65, 20.467, 357.712**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 19.146, 172.680**, and **54, 19.097, 172.444** is the 20% darker color. If you saturate the color by 10%, you get **73, 26.279, 171.587**, and if you desaturate by 10%, it is **75, 11.595, 173.739**.

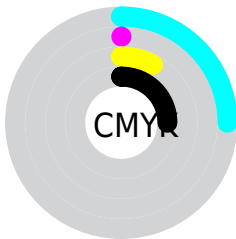
Distribution



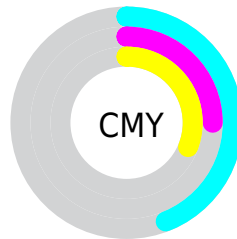
- Red (56%)
- Green (75%)
- Blue (69%)



- Red (56%)
- Yellow (67%)
- Blue (75%)



- Cyan (25%)
- Magenta (0%)
- Yellow (8%)
- Black (25%)





- Cyan (44%)
- Magenta (25%)
- Yellow (31%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 74, 19.092, 172.706 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, 19.092, 172.706 by changing the saturation by 10% instead.


 74, 19.092,
172.706

 74, 19.092,
172.706


 100, 19.092,
172.706


 64, 19.092,
172.706


 94, 19.092,
172.706

 54, 19.092,
172.706

 44, 19.092,
172.706

 34, 19.092,
172.706

 24, 19.092,
172.706

 14, 19.092,
172.706

 4, 19.092, 172.706

■ 0, 19.092, 172.706

■ 74, 19.092,
172.706

■ 74, 19.092,
172.706

■ 73, 26.279,
171.587

■ 75, 11.595,
173.739

■ 72, 33.024,
170.365

■ 77, 3.900, 174.764

■ 71, 39.201,
169.013

■ 78, 3.890, 355.413

■ 80, 11.693,
356.325

■ 70, 44.696,
167.507

■ 82, 19.445,
357.129

■ 70, 49.427,
165.823

■ 84, 25.759,
356.395

■ 69, 53.366,
163.943

■ 84, 27.031,

■ 69, 56.552,
161.864

350.224

■ 69, 57.984,
160.814

■ 84, 28.609,
344.700

■ 84, 30.441,
339.830

Harmonies

Complementary

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



74, 19.092, 172.706



65, 20.467, 357.712

Rectangle

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



74, 19.092, 172.706



74, 19.092, 222.706



74, 19.092, 352.706



74, 19.092, 42.706

Sweetspot

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



74, 19.093, 172.703



97, 7.693, 174.432



74, 28.734, 134.059



51, 5.461, 174.278



99, 0.012, 296.813



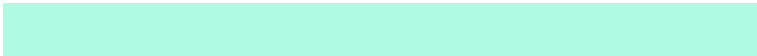
52, 0.007, 296.813

Same Dimension

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



74, 19.093, 172.703



93, 28.137, 172.105



72, 14.126, 218.388



40, 4.431, 174.305



59, 50.585, 161.131



10, 15.828, 167.047

Inverse Universe

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



65, 20.467, 357.712



79, 30.650, 358.436



66, 16.738, 37.469



38, 4.547, 355.921



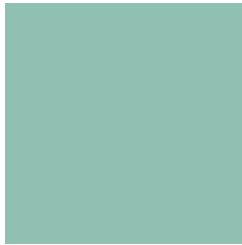
34, 61.519, 19.311



3, 14.663, 2.852

Previews

White Background



This preview shows how the CIELCh color 74, 19.092, 172.706 looks on a white background.

Color Contrast Check

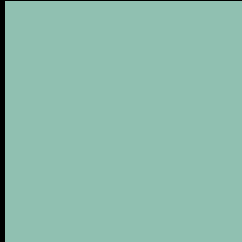
Large Text (above 18pt) WCAG AA × Fail

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, 19.092, 172.706 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

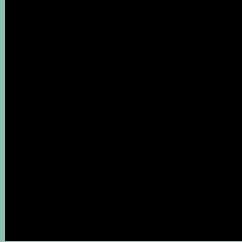
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

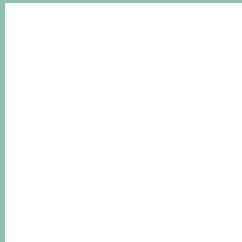
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 74, 19.092, 172.706

Background



This preview shows how black text looks on a background with the CIELCh color 74, 19.092, 172.706.

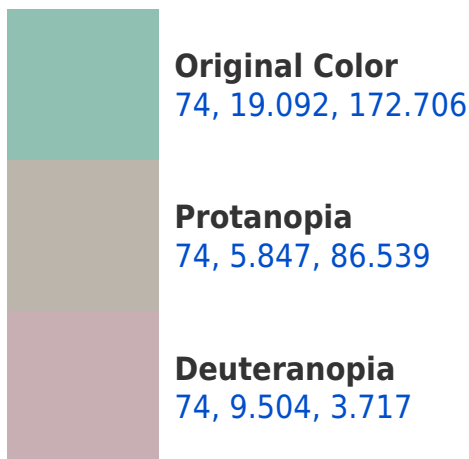


This preview shows how white text looks on a background with the CIELCh color 74, 19.092, 172.706.

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](#).

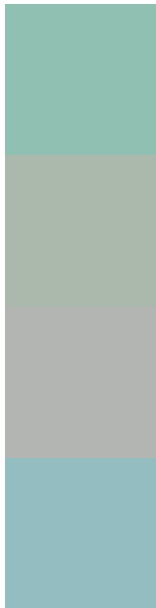
Dichromacy





Tritanopia
74, 15.203, 231.047

Trichromacy



Original Color
74, 19.092, 172.706

Protanomaly
74, 8.385, 148.182

Deuteranomaly
73, 1.315, 144.564

Tritanomaly
74, 14.560, 206.948

Monochromacy



Original Color
74, 19.092, 172.706

Achromatopsia
72, 0.009, 296.813

Achromatomaly
73, 7.438, 172.851

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 19.092, 172.706 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(144, 192, 177)` looks like.

```
.text, #text, p{  
    color:rgb(144, 192, 177)  
}
```

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(144, 192, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 192, 177) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 19.092, 172.706 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(144, 192, 177) }
```

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

```
.border{ border-color:rgb(144, 192, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 192, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 192, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 192, 177);  
box-shadow:4px 4px 4px 4px rgb(144, 192,  
177) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 19.092, 172.706 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 192, 177) }
```

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

```
.background{ background-color: rgb(144,  
192, 177) }
```

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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