

Converting Colors

CIELCh(74, 22.260, 170.116)

Have a look what the booklet for
CIELCh(74, 22.260, 170.116)
contains.

CIELCh(74, 22.261, 170.115)	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, 22.261, 170.115)

Conversions

Conversions Part 1

Format	Color
Hex	8AC1AE
RGB	138, 193, 174
RGB Percent	54%, 76%, 68%
CMY	0.4581, 0.2424, 0.3169
CMYK	0.28, 0.00, 0.10, 0.24
HSL	159°, 31%, 65%
HSV	159°, 28%, 76%
XYZ	37.2798, 46.7039, 47.1872
YIQ	174.3890, -26.6810, -17.5690

Conversions

Conversions Part 2

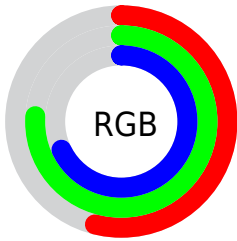
Format	Color
RYB	138, 171, 193
Decimal	9093550
CIELab	74.00, -21.93, 3.82
CIELCh	74, 22.261, 170.115
Yxy	46.7039, 0.2842, 0.3561
Android (android.graphics.Color)	4287283630 (0xFF8AC1AE)
YUV	174.3890, -0.1918, -31.9132
Hunter-Lab	68.3403, -22.2233, 6.8999

Details

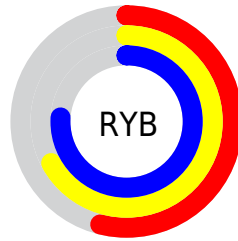
The CIELCh color **74, 22.261, 170.115** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **63, 23.878, 355.893**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 22.488, 169.214**, and **54, 22.041, 170.768** is the 20% darker color. If you saturate the color by 10%, you get **73, 29.577, 168.951**, and if you desaturate by 10%, it is **75, 14.611, 171.178**.

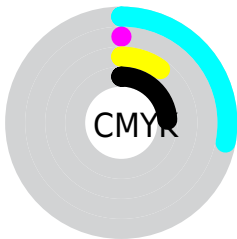
Distribution



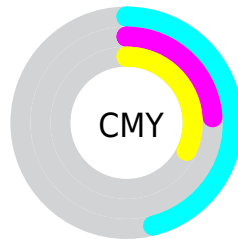
- Red (54%)
- Green (76%)
- Blue (68%)



- Red (54%)
- Yellow (67%)
- Blue (76%)



- Cyan (28%)
- Magenta (0%)
- Yellow (10%)
- Black (24%)





- Cyan (46%)
- Magenta (24%)
- Yellow (32%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 74, 22.261, 170.115 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, 22.261, 170.115 by changing the saturation by 10% instead.


 74, 22.261,
170.115


 74, 22.261,
170.115


 100, 22.261,
170.115


 64, 22.261,
170.115


 94, 22.261,
170.115

 54, 22.261,
170.115

 44, 22.261,
170.115

 34, 22.261,
170.115

 24, 22.261,
170.115

 14, 22.261,
170.115

 4, 22.261, 170.115

■ 0, 22.261, 170.115

■ 74, 22.261,
170.115

■ 74, 22.261,
170.115

■ 73, 29.577,
168.951

■ 75, 14.611,
171.178

■ 72, 36.424,
167.667

■ 77, 6.746, 172.183

■ 71, 42.674,
166.237

■ 78, 1.225, 352.648

■ 80, 9.213, 353.806

■ 70, 48.216,
164.636

■ 82, 17.148,
354.618

■ 70, 52.981,
162.841

■ 84, 24.980,
355.373

■ 70, 56.956,
160.841

■ 84, 26.764,
348.846

■ 69, 60.254,
158.674

■ 85, 28.615,
342.791

■ 69, 60.739,
158.351

■ 85, 30.766,
337.569

Harmonies

Complementary

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



74, 22.261, 170.115



63, 23.878, 355.893

Rectangle

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



74, 22.261, 170.115



74, 22.261, 220.115



74, 22.261, 350.115



74, 22.261, 40.115

Sweetspot

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



74, 22.262, 170.113



96, 8.828, 172.116



74, 32.556, 132.828



51, 6.129, 171.969



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, 22.262, 170.113



92, 32.451, 169.422



72, 16.292, 214.359



40, 4.523, 172.093



58, 52.677, 158.686



10, 16.299, 164.728

Inverse Universe

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



63, 23.878, 355.893



77, 35.349, 356.724



65, 19.882, 34.292



38, 4.628, 353.697



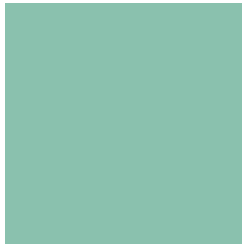
34, 60.763, 16.248



3, 14.808, 1.136

Previews

White Background



This preview shows how the CIELCh color 74, 22.261, 170.115 looks on a white background.

Color Contrast Check

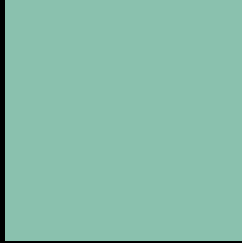
Large Text (above 18pt) WCAG AA × Fail

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, 22.261, 170.115 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, 22.261, 170.115

Background



This preview shows how black text looks on a background with the CIELCh color 74, 22.261, 170.115.

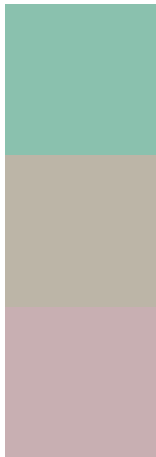


This preview shows how white text looks on a background with the CIELCh color 74, 22.261, 170.115.

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](#).

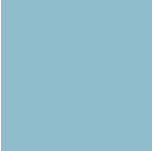
Dichromacy



Original Color
74, 22.261, 170.115

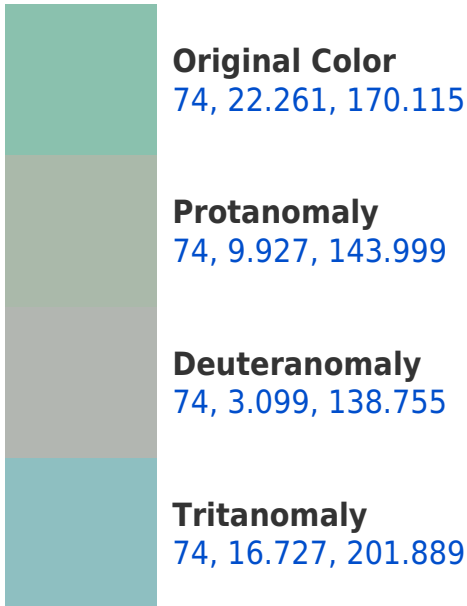
Protanopia
74, 8.007, 89.720

Deuteranopia
74, 9.670, 10.583

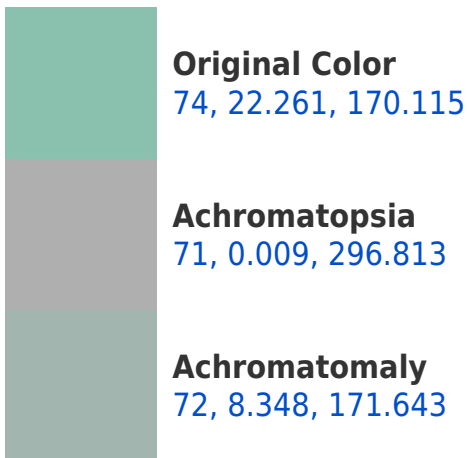


Tritanopia
74, 16.778, 227.558

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 22.261, 170.115 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(138, 193, 174)` looks like.

```
.text, #text, p{  
    color:rgb(138, 193, 174)  
}
```

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(138, 193, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 193, 174) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 22.261, 170.115 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(138, 193, 174) }
```

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

```
.border{ border-color:rgb(138, 193, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 193, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 193, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 193, 174);  
box-shadow:4px 4px 4px 4px rgb(138, 193,  
174) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 22.261, 170.115 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 193, 174) }
```

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

```
.background{ background-color: rgb(138,  
193, 174) }
```

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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