

Converting Colors

CIELCh(74, 21.670, 168.553)

Have a look what the booklet for
CIELCh(74, 21.670, 168.553)
contains.

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Color

CIELCh(74, 21.991, 168.186)

Conversions

Conversions Part 1

Format	Color
Hex	8CC1AD
RGB	140, 193, 173
RGB Percent	55%, 76%, 68%
CMY	0.4512, 0.2433, 0.3218
CMYK	0.27, 0.00, 0.10, 0.24
HSL	157°, 30%, 65%
HSV	157°, 27%, 76%
XYZ	37.4038, 46.7039, 46.5534
YIQ	174.8730, -25.1680, -17.4560

Conversions

Conversions Part 2

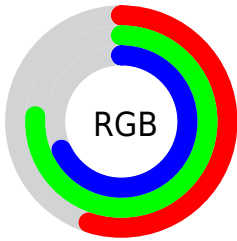
Format	Color
RYB	140, 173, 193
Decimal	9224621
CIELab	74.00, -21.53, 4.50
CIElCh	74, 21.991, 168.186
Yxy	46.7039, 0.2863, 0.3574
Android (android.graphics.Color)	4287414701 (0xFF8CC1AD)
YUV	174.8730, -0.9234, -30.5836
Hunter-Lab	68.3403, -21.8994, 7.4499

Details

The CIELCh color **74, 21.991, 168.186** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **64, 23.335, 353.641**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 22.217, 167.340**, and **54, 21.799, 168.795** is the 20% darker color. If you saturate the color by 10%, you get **73, 29.564, 167.030**, and if you desaturate by 10%, it is **75, 14.118, 169.238**.

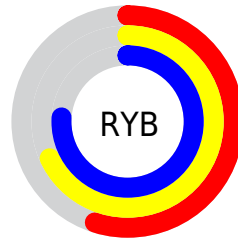
Distribution



Red (55%)

Green (76%)

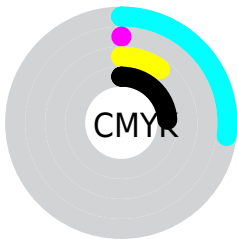
Blue (68%)



Red (55%)

Yellow (68%)

Blue (76%)

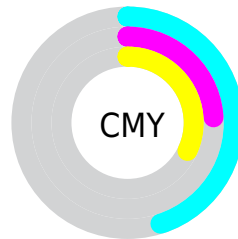


Cyan (27%)

Magenta (0%)

Yellow (10%)

Black (24%)



Cyan (45%)


Magenta (24%)


Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 21.991, 168.186 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, 21.991, 168.186 by changing the saturation by 10% instead.

 74, 21.991,
168.186

 74, 21.991,
168.186


 100, 21.991,
168.186


 64, 21.991,
168.186


 94, 21.991,
168.186

 54, 21.991,
168.186

 44, 21.991,
168.186

 34, 21.991,
168.186

 24, 21.991,
168.186

 14, 21.991,
168.186

 4, 21.991, 168.186

■ 0, 21.991, 168.186

■ 74, 21.991,
168.186

■ 74, 21.991,
168.186

■ 73, 29.564,
167.030

■ 75, 14.118,
169.238

■ 72, 36.699,
165.750

■ 77, 6.063, 170.233

■ 71, 43.265,
164.320

■ 78, 2.066, 350.830

■ 80, 10.184,
351.818

■ 70, 49.145,
162.714

■ 82, 18.225,
352.605

■ 70, 54.258,
160.911

■ 84, 25.904,
353.021

■ 69, 58.582,
158.900

■ 84, 27.699,

■ 69, 62.194,
156.707

345.908

■ 69, 63.065,
156.161

■ 85, 29.893,
339.796

■ 85, 32.402,
334.627

Harmonies

Complementary

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



74, 21.991, 168.186



64, 23.335, 353.641

Rectangle

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



74, 21.991, 168.186



74, 21.991, 218.186



74, 21.991, 348.186



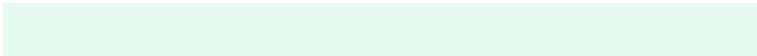
74, 21.991, 38.186

Sweetspot

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



74, 21.992, 168.184



97, 8.012, 170.167



75, 31.081, 131.800



51, 5.691, 170.016



99, 0.012, 296.813



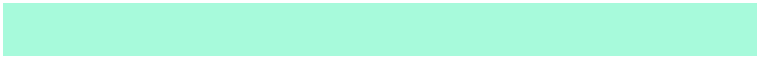
52, 0.007, 296.813

Same Dimension

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



74, 21.992, 168.184



92, 32.330, 167.499



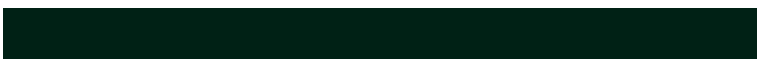
73, 16.149, 210.319



40, 4.617, 170.043



58, 54.727, 156.499



10, 16.757, 162.695

Inverse Universe

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



64, 23.335, 353.641



77, 34.766, 354.432



65, 19.568, 31.152



38, 4.712, 351.628



34, 60.229, 13.228



3, 14.970, 359.416

Previews

White Background



This preview shows how the CIELCh color 74, 21.991, 168.186 looks on a white background.

Color Contrast Check

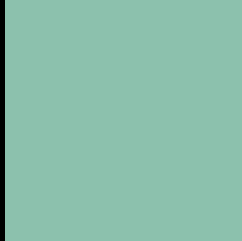
Large Text (above 18pt) WCAG AA × Fail

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, 21.991, 168.186 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

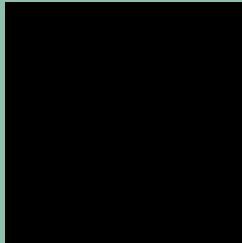
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

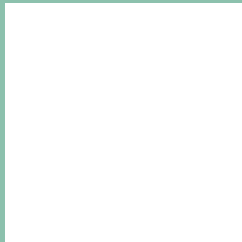
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 74, 21.991, 168.186

Background



This preview shows how black text looks on a background with the CIELCh color 74, 21.991, 168.186.

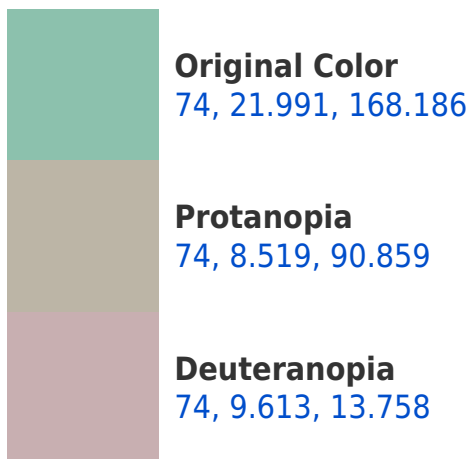


This preview shows how white text looks on a background with the CIELCh color 74, 21.991, 168.186.

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, 16.250, 228.633

Trichromacy



Original Color
74, 21.991, 168.186

Protanomaly
74, 10.174, 140.600

Deuteranomaly
74, 3.583, 134.580

Tritanomaly
74, 15.791, 204.175

Monochromacy



Original Color
74, 21.991, 168.186

Achromatopsia
71, 0.009, 296.813

Achromatomaly
72, 8.630, 168.485

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 21.991, 168.186 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(140, 193, 173)` looks like.

```
.text, #text, p{  
    color:rgb(140, 193, 173)  
}
```

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(140, 193, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 193, 173) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 21.991, 168.186 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(140, 193, 173) }
```

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

```
.border{ border-color:rgb(140, 193, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 193, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 193, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 193, 173);  
box-shadow:4px 4px 4px 4px rgb(140, 193,  
173) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 21.991, 168.186 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 193, 173) }
```

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

```
.background{ background-color: rgb(140,  
193, 173) }
```

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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