

Converting Colors

CIELCh(72, 14.722, 169.147)

Have a look what the booklet for
CIELCh(72, 14.722, 169.147)
contains.

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Color

CIELCh(72, 14.713, 169.461)

Conversions

Conversions Part 1

Format	Color
Hex	95B8AB
RGB	149, 184, 171
RGB Percent	58%, 72%, 67%
CMY	0.4153, 0.2781, 0.3291
CMYK	0.19, 0.00, 0.07, 0.28
HSL	158°, 20%, 65%
HSV	158°, 19%, 72%
XYZ	36.9280, 43.6590, 45.0524
YIQ	172.0530, -16.6870, -11.4630

Conversions

Conversions Part 2

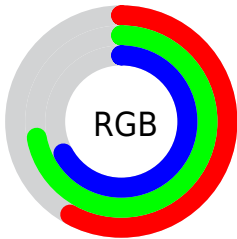
Format	Color
RYB	149, 170, 184
Decimal	9812139
CIELab	72.00, -14.46, 2.69
CIElCh	72, 14.713, 169.461
Yxy	43.6590, 0.2939, 0.3475
Android (android.graphics.Color)	4288002219 (0xFF95B8AB)
YUV	172.0530, -0.5191, -20.2175
Hunter-Lab	66.0750, -15.8711, 5.8263

Details

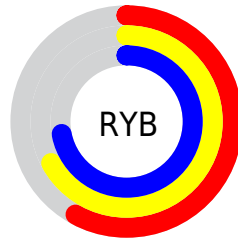
The CIELCh color **72, 14.713, 169.461** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **65, 15.337, 353.023**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **92, 14.610, 168.748**, and **52, 14.607, 169.385** is the 20% darker color. If you saturate the color by 10%, you get **71, 22.221, 168.394**, and if you desaturate by 10%, it is **73, 7.015, 170.455**.

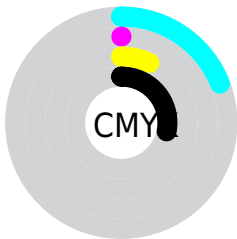
Distribution



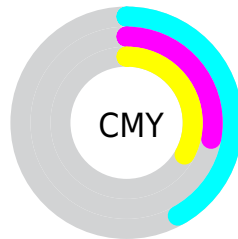
- Red (58%)
- Green (72%)
- Blue (67%)



- Red (58%)
- Yellow (67%)
- Blue (72%)



- Cyan (19%)
- Magenta (0%)
- Yellow (7%)
- Black (28%)





- Cyan (42%)
- Magenta (28%)
- Yellow (33%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 72, 14.713, 169.461 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 72, 14.713, 169.461 by changing the saturation by 10% instead.


 72, 14.713,
169.461


 72, 14.713,
169.461


 100, 14.713,
169.461


 62, 14.713,
169.461


 92, 14.713,
169.461

 52, 14.713,
169.461

 42, 14.713,
169.461

 32, 14.713,
169.461

 22, 14.713,
169.461

 12, 14.713,
169.461

 2, 14.713, 169.461

0, 14.713, 169.461

72, 14.713,
169.461

72, 14.713,
169.461

71, 22.221,
168.394

73, 7.015, 170.455

70, 29.415,
167.227

75, 0.774, 350.735

77, 8.567, 352.063

69, 36.170,
165.934

78, 16.299,
352.863

68, 42.358,
164.488

80, 23.919,
353.602

67, 47.874,
162.866

82, 29.916,
352.579

67, 52.647,
161.047

82, 31.573,
346.705

■ 66, 56.665,
159.021

■ 82, 33.552,
341.509

■ 66, 60.055,
156.844

■ 83, 35.796,
336.970

■ 66, 60.380,
156.636

Harmonies

Complementary

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



72, 14.713, 169.461



65, 15.337, 353.023

Rectangle

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



72, 14.713, 169.461



72, 14.713, 219.461



72, 14.713, 349.461



72, 14.713, 39.461

Sweetspot

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



72, 14.714, 169.458



94, 5.789, 170.750



72, 20.715, 132.215



50, 3.837, 170.683



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



72, 14.714, 169.458



91, 21.969, 169.004



71, 11.081, 210.250



38, 4.398, 170.423



57, 53.011, 156.958



8, 13.188, 163.934

Inverse Universe

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



65, 15.337, 353.023



80, 23.125, 353.523



66, 12.586, 30.744



36, 4.491, 351.999



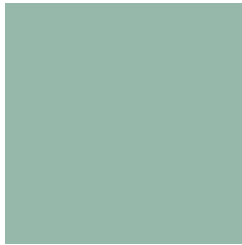
33, 58.876, 13.633



2, 11.491, 357.951

Previews

White Background



This preview shows how the CIELCh color 72, 14.713, 169.461 looks on a white background.

Color Contrast Check

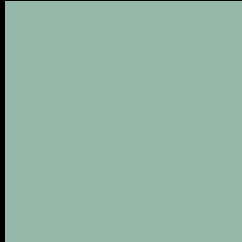
Large Text (above 18pt) WCAG AA × Fail

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 72, 14.713, 169.461 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

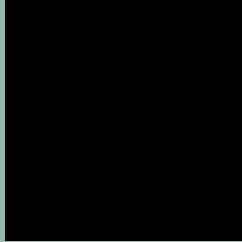
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

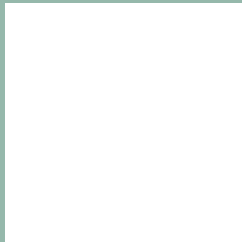
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 72, 14.713, 169.461

Background



This preview shows how black text looks on a background with the CIELCh color 72, 14.713, 169.461.

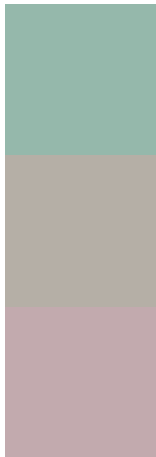


This preview shows how white text looks on a background with the CIELCh color 72, 14.713, 169.461.

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
72, 14.713, 169.461

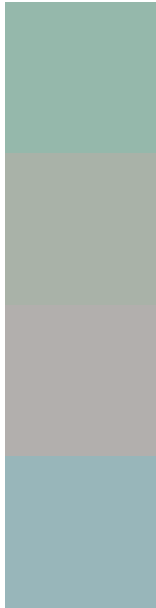
Protanopia
72, 5.387, 84.336

Deuteranopia
72, 9.433, 6.923



Tritanopia
72, 11.877, 238.939

Trichromacy



Original Color
72, 14.713, 169.461

Protanomaly
72, 6.440, 141.469

Deuteranomaly
72, 1.556, 63.354

Tritanomaly
72, 10.758, 210.359

Monochromacy



Original Color
72, 14.713, 169.461

Achromatopsia
70, 0.009, 296.813

Achromatomaly
71, 4.996, 173.165

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 14.713, 169.461 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(149, 184, 171)` looks like.

```
.text, #text, p{  
    color:rgb(149, 184, 171)  
}
```

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(149, 184, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 184, 171) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 14.713, 169.461 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(149, 184, 171) }
```

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

```
.border{ border-color:rgb(149, 184, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 184, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 184, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 184, 171);  
box-shadow:4px 4px 4px 4px rgb(149, 184,  
171) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 14.713, 169.461 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 184, 171) }
```

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

```
.background{ background-color: rgb(149,  
184, 171) }
```

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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