

# Converting Colors

CIELCh(71, 14.924, 191.888)

Have a look what the booklet for  
CIELCh(71, 14.924, 191.888)  
contains.

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# Color

**CIELCh(71, 14.924, 191.888)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8CB6B3
RGB	140, 182, 179
RGB Percent	55%, 71%, 70%
CMY	0.4517, 0.2870, 0.2988
CMYK	0.23, 0.00, 0.02, 0.29
HSL	176°, 22%, 63%
HSV	176°, 23%, 71%
XYZ	35.5933, 42.1875, 48.8177
YIQ	169.1000, -24.0690, -9.8370

# Conversions

## Conversions Part 2

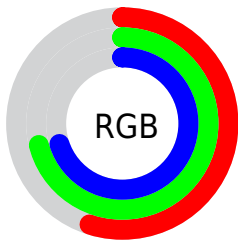
<b>Format</b>	<b>Color</b>
<b>RYB</b>	140, 162, 182
Decimal	9221811
CIELab	71.00, -14.60, -3.07
CIELCh	71, 14.924, 191.888
Yxy	42.1875, 0.2812, 0.3332
Android (android.graphics.Color)	4287411891 (0xFF8CB6B3)
YUV	169.1000, 4.8807, -25.5207
Hunter-Lab	64.9519, -15.8487, 0.9041

# Details

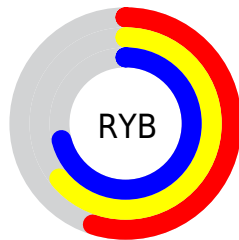
The CIELCh color **71, 14.924, 191.888** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **62, 17.017, 15.537**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 15.030, 192.476**, and **51, 14.829, 191.066** is the 20% darker color. If you saturate the color by 10%, you get **70, 20.708, 191.172**, and if you desaturate by 10%, it is **72, 8.684, 192.612**.

# Distribution



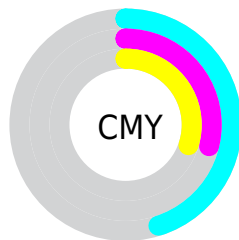
- Red (55%)
- Green (71%)
- Blue (70%)



- Red (55%)
- Yellow (64%)
- Blue (71%)



- Cyan (23%)
- Magenta (0%)
- Yellow (2%)
- Black (29%)



- Cyan (45%)
- Magenta (29%)
- Yellow (30%)

# Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 14.924, 191.888 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 71, 14.924, 191.888 by changing the saturation by 10% instead.





 71, 14.924,  
191.888

 71, 14.924,  
191.888


 100, 14.924,  
191.888


 61, 14.924,  
191.888


 91, 14.924,  
191.888

 51, 14.924,  
191.888

 41, 14.924,  
191.888

 31, 14.924,  
191.888

 21, 14.924,  
191.888

 11, 14.924,  
191.888

 1, 14.924, 191.888

0, 14.924, 191.888

71, 14.924,  
191.888

71, 14.924,  
191.888

70, 20.708,  
191.172

72, 8.684, 192.612

69, 25.924,  
190.464

74, 2.095, 193.502

75, 4.746, 13.864

68, 30.469,  
189.753

77, 11.754, 14.636

68, 34.255,  
189.029

78, 18.857, 15.359

80, 25.998, 16.068

67, 37.229,  
188.279

81, 28.382, 15.390

67, 39.379,  
187.491

81, 28.387, 14.019

■ 67, 40.752,  
186.647

■ 81, 28.409, 12.649

■ 67, 41.400,  
186.043

# Harmonies

# Complementary

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



71, 14.924, 191.888



62, 17.017, 15.537

# Rectangle

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



71, 14.924, 191.888



71, 14.924, 241.888



71, 14.924, 11.888



71, 14.924, 61.888

# Sweetspot

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



71, 14.925, 191.883



93, 5.833, 193.082



70, 27.303, 140.848



50, 3.816, 193.032



97, 0.011, 296.813



50, 0.007, 296.813





# Same Dimension

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



71, 14.925, 191.883



89, 22.085, 191.500



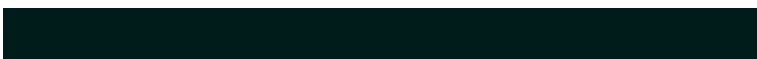
66, 12.697, 248.948



38, 3.817, 192.900



58, 36.862, 186.159



8, 10.770, 189.727



# Inverse Universe

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



62, 17.017, 15.537



76, 26.048, 16.195



67, 13.944, 63.454



36, 4.015, 14.135



32, 69.208, 36.644



2, 10.679, 15.064



# Previews

## White Background



This preview shows how the CIELCh color 71, 14.924, 191.888 looks on a white background.

## Color Contrast Check

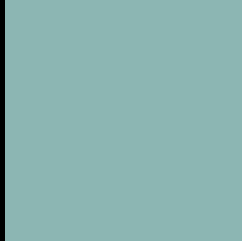
Large Text (above 18pt) WCAG AA × Fail

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 71, 14.924, 191.888 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

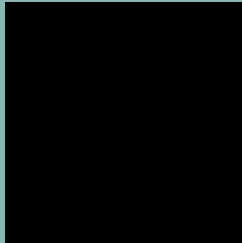
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# CIELCh 71, 14.924, 191.888

## Background



This preview shows how black text looks on a background with the CIELCh color 71, 14.924, 191.888.

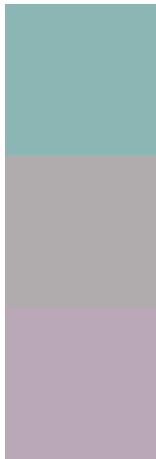


This preview shows how white text looks on a background with the CIELCh color 71, 14.924, 191.888.

# 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**  
71, 14.924, 191.888

**Protanopia**  
71, 1.611, 359.444

**Deuteranopia**  
71, 10.222, 331.896





**Tritanopia**  
71, 14.500, 230.558

# Trichromacy



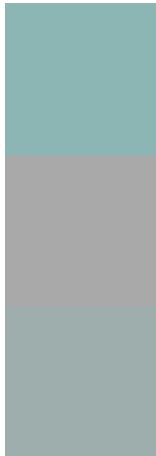
**Original Color**  
71, 14.924, 191.888

**Protanomaly**  
71, 4.833, 192.604

**Deuteranomaly**  
71, 4.590, 272.010

**Tritanomaly**  
71, 13.875, 214.490

# Monochromacy



**Original Color**  
71, 14.924, 191.888

**Achromatopsia**  
69, 0.009, 296.813

**Achromatomaly**  
70, 5.921, 193.669

# CSS Examples

## Text

The CSS property to change the color of the text to CIELCh 71, 14.924, 191.888 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, 182, 179)` looks like.

```
.text, #text, p{  
    color:rgb(140, 182, 179)  
}
```

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, 182, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 182, 179) }
```

## Border

The CSS property to change the border of an element to CIELCh 71, 14.924, 191.888 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, 182, 179) }
```

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

```
.border{ border-color:rgb(140, 182, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 182, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 182, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 182, 179);  
box-shadow:4px 4px 4px 4px rgb(140, 182,  
179) }
```

# Background

The CSS property to change the background color of an element to CIELCh 71, 14.924, 191.888 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 182, 179) }
```

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

```
.background{ background-color: rgb(140,  
182, 179) }
```

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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