

Converting Colors

CIELCh(72, 14.375, 189.510)

Have a look what the booklet for
CIELCh(72, 14.375, 189.510)
contains.

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Color

CIELCh(72, 14.375, 189.515)

Conversions

Conversions Part 1

Format	Color
Hex	90B8B4
RGB	144, 184, 180
RGB Percent	56%, 72%, 71%
CMY	0.4342, 0.2773, 0.2930
CMYK	0.22, 0.00, 0.02, 0.28
HSL	174°, 22%, 64%
HSV	174°, 22%, 72%
XYZ	37.0154, 43.6590, 49.8060
YIQ	171.5840, -22.5560, -9.7240

Conversions

Conversions Part 2

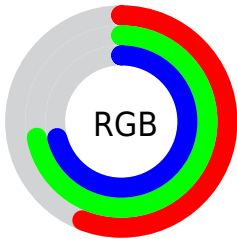
Format	Color
RYB	144, 165, 184
Decimal	9484468
CIELab	72.00, -14.18, -2.38
CIElCh	72, 14.375, 189.515
Yxy	43.6590, 0.2837, 0.3346
Android (android.graphics.Color)	4287674548 (0xFF90B8B4)
YUV	171.5840, 4.1491, -24.1912
Hunter-Lab	66.0750, -15.6351, 1.5609

Details

The CIELCh color **72, 14.375, 189.515** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **64, 16.124, 13.141**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **92, 14.159, 190.069**, and **52, 14.303, 188.544** is the 20% darker color. If you saturate the color by 10%, you get **71, 20.392, 188.714**, and if you desaturate by 10%, it is **73, 7.935, 190.311**.

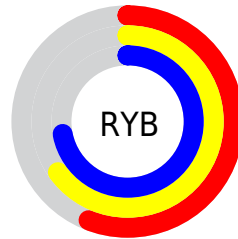
Distribution



Red (56%)

Green (72%)

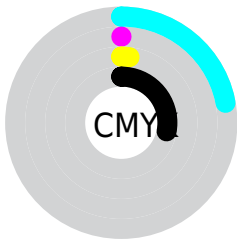
Blue (71%)



Red (56%)

Yellow (65%)

Blue (72%)

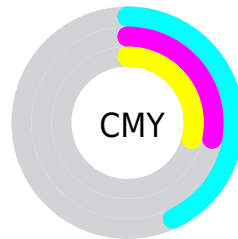


Cyan (22%)

Magenta (0%)

Yellow (2%)

Black (28%)



Cyan (43%)


Magenta (28%)


Yellow (29%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 72, 14.375, 189.515 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, 14.375, 189.515 by changing the saturation by 10% instead.


 72, 14.375,
189.515


 72, 14.375,
189.515


 100, 14.375,
189.515


 62, 14.375,
189.515


 92, 14.375,
189.515

 52, 14.375,
189.515

 42, 14.375,
189.515

 32, 14.375,
189.515

 22, 14.375,
189.515

 12, 14.375,
189.515

 2, 14.375, 189.515

0, 14.375, 189.515

72, 14.375,
189.515

72, 14.375,
189.515

71, 20.392,
188.714

73, 7.935, 190.311

70, 25.870,
187.905

75, 1.178, 191.439

76, 5.798, 11.678

69, 30.700,
187.072

78, 12.912, 12.472

69, 34.789,
186.203

80, 20.094, 13.221

82, 27.290, 13.953

68, 38.072,
185.281

82, 27.391, 11.961

68, 40.527,
184.289

82, 27.468, 9.956

■ 68, 42.188,
183.209

■ 82, 27.582, 7.965

■ 67, 43.133,
182.264

Harmonies

Complementary

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



72, 14.375, 189.515



64, 16.124, 13.141

Rectangle

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



72, 14.375, 189.515



72, 14.375, 239.515



72, 14.375, 9.515



72, 14.375, 59.515

Sweetspot

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



72, 14.376, 189.510



93, 5.924, 190.703



71, 25.666, 140.057



50, 3.843, 190.650



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, 14.376, 189.510



91, 21.040, 189.135



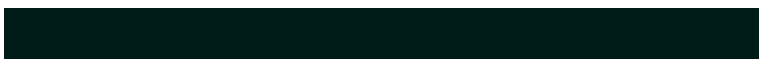
68, 11.875, 244.500



38, 3.845, 190.509



58, 38.001, 182.429



8, 10.916, 186.642

Inverse Universe

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



64, 16.124, 13.141



78, 24.255, 13.717



67, 13.115, 59.786



36, 4.032, 11.839



32, 68.059, 35.218



2, 10.713, 13.339

Previews

White Background



This preview shows how the CIELCh color 72, 14.375, 189.515 looks on a white background.

Color Contrast Check

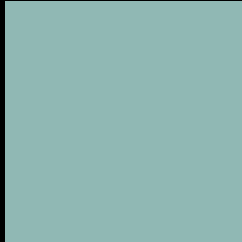
Large Text (above 18pt) WCAG AA × Fail

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, 14.375, 189.515 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

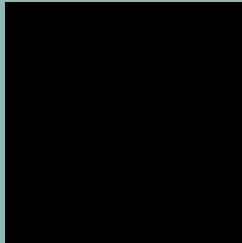
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

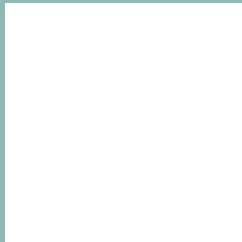
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 72, 14.375, 189.515

Background



This preview shows how black text looks on a background with the CIELCh color 72, 14.375, 189.515.

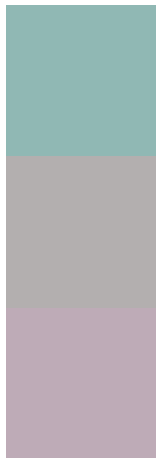


This preview shows how white text looks on a background with the CIELCh color 72, 14.375, 189.515.

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, 14.375, 189.515

Protanopia
72, 1.505, 19.201

Deuteranopia
72, 9.686, 337.883



Tritanopia
72, 13.684, 232.687

Trichromacy



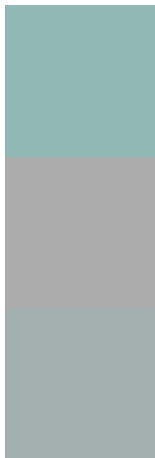
Original Color
72, 14.375, 189.515

Protanomaly
72, 4.464, 192.126

Deuteranomaly
72, 3.436, 271.806

Tritanomaly
72, 12.935, 215.727

Monochromacy



Original Color
72, 14.375, 189.515

Achromatopsia
70, 0.009, 296.813

Achromatomaly
71, 5.193, 193.016

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 14.375, 189.515 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, 184, 180)` looks like.

```
.text, #text, p{  
    color:rgb(144, 184, 180)  
}
```

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, 184, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 184, 180) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 14.375, 189.515 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, 184, 180) }
```

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

```
.border{ border-color:rgb(144, 184, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 184, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 184, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 184, 180);  
box-shadow:4px 4px 4px 4px rgb(144, 184,  
180) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 14.375, 189.515 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 184, 180) }
```

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

```
.background{ background-color: rgb(144,  
184, 180) }
```

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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