

Converting Colors

CIELCh(72, 15.419, 198.234)

Have a look what the booklet for
CIELCh(72, 15.419, 198.234)
contains.

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Color

CIELCh(72, 15.607, 198.196)

Conversions

Conversions Part 1

Format	Color
Hex	8CB9B9
RGB	140, 185, 185
RGB Percent	55%, 73%, 73%
CMY	0.4518, 0.2753, 0.2753
CMYK	0.24, 0.00, 0.00, 0.28
HSL	180°, 24%, 64%
HSV	180°, 24%, 72%
XYZ	36.8182, 43.6590, 52.2669
YIQ	171.5450, -26.8200, -9.5400

Conversions

Conversions Part 2

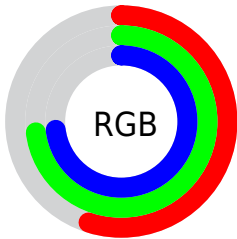
Format	Color
RYB	140, 163, 185
Decimal	9222585
CIELab	72.00, -14.83, -4.87
CIElCh	72, 15.607, 198.196
Yxy	43.6590, 0.2774, 0.3289
Android (android.graphics.Color)	4287412665 (0xFF8CB9B9)
YUV	171.5450, 6.6333, -27.6650
Hunter-Lab	66.0750, -16.1676, -0.6473

Details

The CIELCh color **72, 15.607, 198.196** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **62, 18.337, 21.240**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **92, 15.430, 198.435**, and **52, 15.750, 197.834** is the 20% darker color. If you saturate the color by 10%, you get **71, 21.193, 197.749**, and if you desaturate by 10%, it is **73, 9.490, 198.695**.

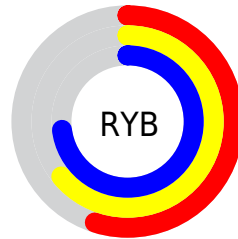
Distribution



Red (55%)

Green (73%)

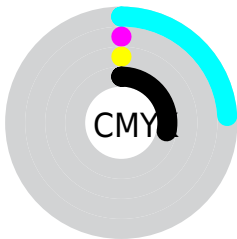
Blue (73%)



Red (55%)

Yellow (64%)

Blue (73%)

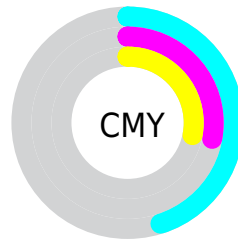


Cyan (24%)

Magenta (0%)

Yellow (0%)

Black (28%)



Cyan (45%)


Magenta (28%)


Yellow (28%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 72, 15.607, 198.196 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, 15.607, 198.196 by changing the saturation by 10% instead.


 72, 15.607,
198.196


 72, 15.607,
198.196


 100, 15.607,
198.196


 62, 15.607,
198.196


 92, 15.607,
198.196

 52, 15.607,
198.196

 42, 15.607,
198.196

 32, 15.607,
198.196

 22, 15.607,
198.196

 12, 15.607,
198.196

 2, 15.607, 198.196

0, 15.607, 198.196

72, 15.607,
198.196

72, 15.607,
198.196

71, 21.193,
197.749

73, 9.490, 198.695

70, 26.140,
197.367

74, 2.950, 199.340

69, 30.354,
197.047

76, 3.912, 19.588

69, 33.760,
196.792

77, 11.005, 20.257

69, 36.323,
196.602

79, 18.251, 20.878

68, 38.051,
196.475

81, 25.586, 21.501

81, 27.313, 21.647

81, 27.313, 21.646

■ 68, 39.008,
196.405

■ 81, 27.313, 21.645

■ 68, 39.346,
196.380

Harmonies

Complementary

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



72, 15.607, 198.196



62, 18.337, 21.240

Rectangle

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



72, 15.607, 198.196



72, 15.607, 248.196



72, 15.607, 18.196



72, 15.607, 68.196

Sweetspot

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



72, 15.608, 198.191



93, 5.828, 199.124



71, 29.805, 142.436



50, 3.779, 199.084



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, 15.608, 198.191



90, 22.539, 197.957



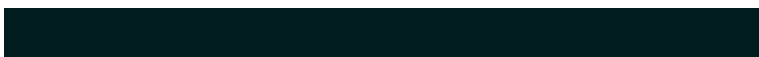
66, 14.252, 257.146



38, 3.777, 198.981



58, 34.645, 196.380



8, 10.518, 197.734

Inverse Universe

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



62, 18.337, 21.240



76, 27.503, 21.810



68, 15.314, 70.657



36, 4.004, 19.912



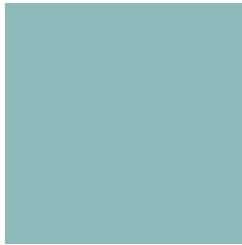
32, 71.869, 39.597



2, 10.638, 19.402

Previews

White Background



This preview shows how the CIELCh color 72, 15.607, 198.196 looks on a white background.

Color Contrast Check

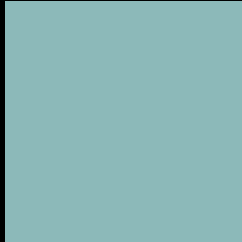
Large Text (above 18pt) WCAG AA × Fail

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, 15.607, 198.196 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

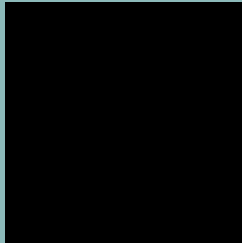
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

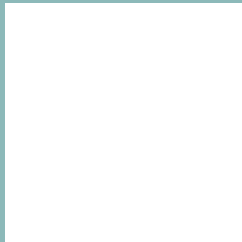
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 72, 15.607, 198.196

Background



This preview shows how black text looks on a background with the CIELCh color 72, 15.607, 198.196.



This preview shows how white text looks on a background with the CIELCh color 72, 15.607, 198.196.

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, 15.607, 198.196

Protanopia
72, 2.468, 317.316

Deuteranopia
72, 11.242, 324.911



Tritanopia
72, 15.548, 228.017

Trichromacy



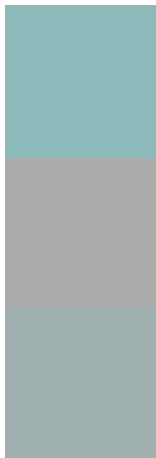
Original Color
72, 15.607, 198.196

Protanomaly
72, 5.546, 210.411

Deuteranomaly
72, 6.337, 270.746

Tritanomaly
72, 15.270, 217.184

Monochromacy



Original Color
72, 15.607, 198.196

Achromatopsia
70, 0.009, 296.813

Achromatomaly
71, 5.860, 199.001

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 15.607, 198.196 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, 185, 185)` looks like.

```
.text, #text, p{  
    color:rgb(140, 185, 185)  
}
```

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, 185, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 185, 185) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 15.607, 198.196 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, 185, 185) }
```

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

```
.border{ border-color:rgb(140, 185, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 185, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 185, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 185, 185);  
box-shadow:4px 4px 4px 4px rgb(140, 185,  
185) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 15.607, 198.196 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 185, 185) }
```

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

```
.background{ background-color: rgb(140,  
185, 185) }
```

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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