

Converting Colors

CIELCh(72, 11.007, 212.831)

Have a look what the booklet for
CIELCh(72, 11.007, 212.831)
contains.

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Color

CIELCh(72, 11.162, 212.793)

Conversions

Conversions Part 1

Format	Color
Hex	97B6BB
RGB	151, 182, 187
RGB Percent	59%, 71%, 73%
CMY	0.4076, 0.2860, 0.2664
CMYK	0.19, 0.03, 0.00, 0.27
HSL	188°, 21%, 66%
HSV	188°, 19%, 73%
XYZ	38.4926, 43.6590, 53.4490
YIQ	173.3010, -20.0810, -5.0170

Conversions

Conversions Part 2

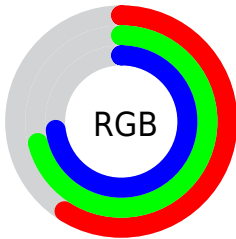
Format	Color
RYB	151, 168, 187
Decimal	9942715
CIELab	72.00, -9.38, -6.05
CIElCh	72, 11.162, 212.793
Yxy	43.6590, 0.2839, 0.3220
Android (android.graphics.Color)	4288132795 (0xFF97B6BB)
YUV	173.3010, 6.7536, -19.5580
Hunter-Lab	66.0750, -11.6444, -1.7080

Details

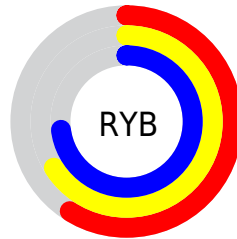
The CIELCh color **72, 11.162, 212.793** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **67, 12.698, 32.893**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **92, 11.079, 212.323**, and **52, 11.269, 213.388** is the 20% darker color. If you saturate the color by 10%, you get **70, 16.382, 213.007**, and if you desaturate by 10%, it is **74, 5.518, 212.732**.

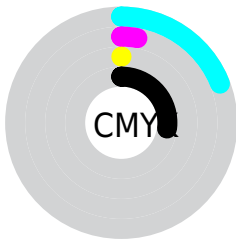
Distribution



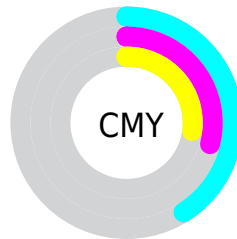
- Red (59%)
- Green (71%)
- Blue (73%)



- Red (59%)
- Yellow (66%)
- Blue (73%)



- Cyan (19%)
- Magenta (3%)
- Yellow (0%)
- Black (27%)





- Cyan (41%)
- Magenta (29%)
- Yellow (27%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 72, 11.162, 212.793 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, 11.162, 212.793 by changing the saturation by 10% instead.


 72, 11.162,
212.793


 72, 11.162,
212.793


 100, 11.162,
212.793


 62, 11.162,
212.793


 92, 11.162,
212.793

 52, 11.162,
212.793

 42, 11.162,
212.793

 32, 11.162,
212.793

 22, 11.162,
212.793

 12, 11.162,
212.793

 2, 11.162, 212.793

0, 11.162, 212.793

72, 11.162,
212.793

72, 11.162,
212.793

70, 16.382,
213.007

74, 5.518, 212.732

68, 21.083,
213.408

76, 0.460, 31.498

67, 25.169,
214.025

78, 6.695, 32.651

65, 28.555,
214.905

81, 13.119, 32.839

64, 31.178,
216.102

83, 19.675, 33.050

63, 33.015,
217.676

85, 23.074, 34.795

85, 22.501, 38.579

86, 22.033, 42.544

■ 62, 34.097,
219.681

■ 86, 21.678, 46.661

■ 61, 34.593,
222.099

■ 61, 34.626,
222.285

Harmonies

Complementary

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



72, 11.162, 212.793



67, 12.698, 32.893

Rectangle

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



72, 11.162, 212.793



72, 11.162, 262.793



72, 11.162, 32.793



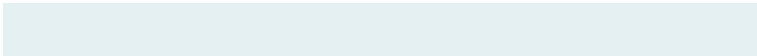
72, 11.162, 82.793

Sweetspot

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



72, 11.162, 212.785



94, 4.454, 212.772



73, 21.791, 147.034



50, 2.973, 212.759



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



72, 11.162, 212.785



90, 16.236, 212.857



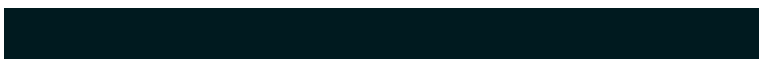
67, 13.292, 271.115



39, 3.406, 212.731



52, 30.591, 221.911



8, 9.832, 217.727

Inverse Universe

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



67, 21.757, 329.611



82, 32.098, 329.865



72, 13.451, 85.913



37, 6.423, 329.004



36, 72.617, 334.570



3, 18.730, 331.052

Previews

White Background



This preview shows how the CIELCh color 72, 11.162, 212.793 looks on a white background.

Color Contrast Check

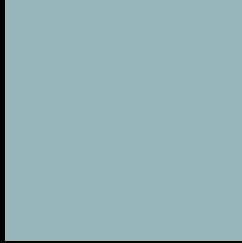
Large Text (above 18pt) WCAG AA × Fail

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, 11.162, 212.793 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

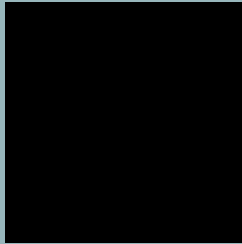
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

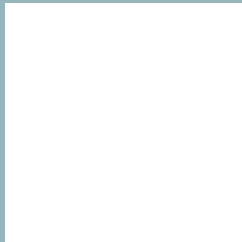
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 72, 11.162, 212.793

Background



This preview shows how black text looks on a background with the CIELCh color 72, 11.162, 212.793.



This preview shows how white text looks on a background with the CIELCh color 72, 11.162, 212.793.

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, 11.162, 212.793

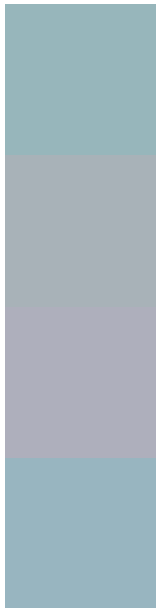
Protanopia
72, 4.437, 300.174

Deuteranopia
72, 11.499, 321.834



Tritanopia
72, 12.131, 237.926

Trichromacy



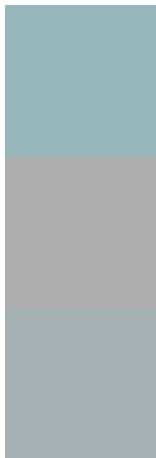
Original Color
72, 11.162, 212.793

Protanomaly
72, 4.838, 241.822

Deuteranomaly
72, 7.092, 287.947

Tritanomaly
72, 11.572, 230.066

Monochromacy



Original Color
72, 11.162, 212.793

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 4.163, 214.428

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 11.162, 212.793 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(151, 182, 187)` looks like.

```
.text, #text, p{  
    color:rgb(151, 182, 187)  
}
```

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(151, 182, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 182, 187) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 11.162, 212.793 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(151, 182, 187) }
```

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

```
.border{ border-color:rgb(151, 182, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 182, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 182, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 182, 187);  
box-shadow:4px 4px 4px 4px rgb(151, 182,  
187) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 11.162, 212.793 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 182, 187) }
```

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

```
.background{ background-color: rgb(151,  
182, 187) }
```

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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