

Converting Colors

CIELCh(72, 13.700, 192.021)

Have a look what the booklet for
CIELCh(72, 13.700, 192.021)
contains.

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Color

CIELCh(72, 13.598, 191.409)

Conversions

Conversions Part 1

Format	Color
Hex	92B8B5
RGB	146, 184, 181
RGB Percent	57%, 72%, 71%
CMY	0.4279, 0.2789, 0.2907
CMYK	0.21, 0.00, 0.02, 0.28
HSL	175°, 21%, 65%
HSV	175°, 21%, 72%
XYZ	37.2738, 43.6590, 50.1106
YIQ	172.2960, -21.6850, -8.9890

Conversions

Conversions Part 2

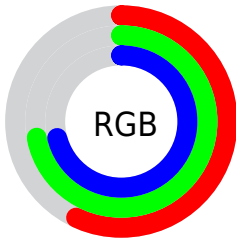
Format	Color
R_{YB}	146, 166, 184
Decimal	9615541
CIE Lab	72.00, -13.33, -2.69
CIE LCh	72, 13.598, 191.409
Yxy	43.6590, 0.2844, 0.3332
Android (android.graphics.Color)	4287805621 (0xFF92B8B5)
YUV	172.2960, 4.2911, -23.0616
Hunter-Lab	66.0750, -14.9368, 1.2875

Details

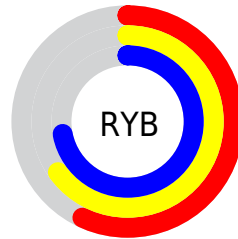
The CIELCh color **72, 13.598, 191.409** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **64, 15.247, 14.673**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **92, 13.411, 191.890**, and **52, 13.826, 190.719** is the 20% darker color. If you saturate the color by 10%, you get **71, 19.581, 190.667**, and if you desaturate by 10%, it is **73, 7.188, 192.161**.

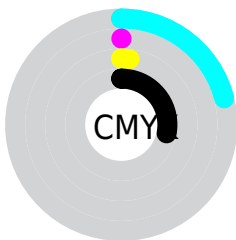
Distribution



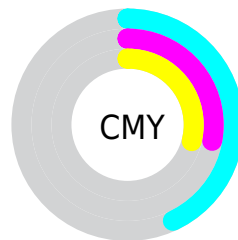
- Red (57%)
- Green (72%)
- Blue (71%)



- Red (57%)
- Yellow (65%)
- Blue (72%)



- Cyan (21%)
- Magenta (0%)
- Yellow (2%)
- Black (28%)




- Cyan (43%)
- Magenta (28%)
- Yellow (29%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 13.598, 191.409 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, 13.598, 191.409 by changing the saturation by 10% instead.


 72, 13.598,
191.409


 72, 13.598,
191.409


 100, 13.598,
191.409

 62, 13.598,
191.409


 92, 13.598,
191.409

 52, 13.598,
191.409

 42, 13.598,
191.409

 32, 13.598,
191.409

 22, 13.598,
191.409

 12, 13.598,
191.409

 2, 13.598, 191.409

0, 13.598, 191.409

72, 13.598,
191.409

72, 13.598,
191.409

71, 19.581,
190.667

73, 7.188, 192.161

70, 25.023,
189.931

75, 0.455, 193.929

76, 6.504, 13.458

69, 29.815,
189.188

78, 13.607, 14.218

69, 33.865,
188.427

80, 20.786, 14.945

81, 27.515, 15.508

68, 37.106,
187.637

81, 27.522, 13.928

68, 39.514,
186.802

81, 27.552, 12.351

■ 67, 41.122,
185.906

■ 82, 27.604, 10.778

■ 67, 42.081,
185.021

Harmonies

Complementary

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



72, 13.598, 191.409



64, 15.247, 14.673

Rectangle

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



72, 13.598, 191.409



72, 13.598, 241.409



72, 13.598, 11.409



72, 13.598, 61.409

Sweetspot

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



72, 13.599, 191.404



94, 5.061, 192.543



71, 24.644, 141.012



50, 3.351, 192.485



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, 13.599, 191.404



91, 20.133, 191.052



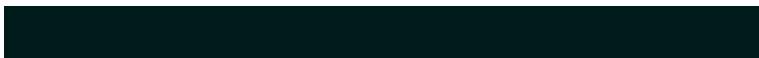
68, 11.504, 248.571



38, 3.824, 192.267



58, 37.149, 185.155



8, 10.806, 188.907

Inverse Universe

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



64, 15.247, 14.673



79, 23.234, 15.227



68, 12.498, 63.701



36, 4.019, 13.529



32, 68.915, 36.291



2, 10.687, 14.609

Previews

White Background



This preview shows how the CIELCh color 72, 13.598, 191.409 looks on a white background.

Color Contrast Check

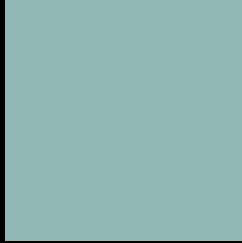
Large Text (above 18pt) WCAG AA × Fail

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, 13.598, 191.409 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

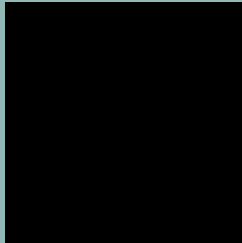
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

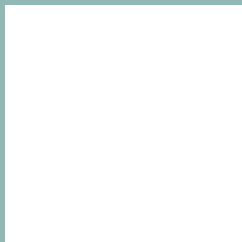
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 72, 13.598, 191.409

Background



This preview shows how black text looks on a background with the CIELCh color 72, 13.598, 191.409.

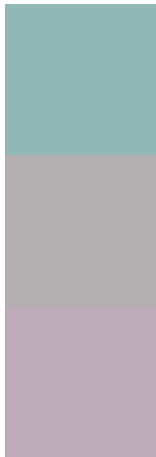


This preview shows how white text looks on a background with the CIELCh color 72, 13.598, 191.409.

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, 13.598, 191.409

Protanopia
72, 1.606, 359.437

Deuteranopia
72, 10.055, 335.587



Tritanopia
72, 13.420, 233.467

Trichromacy



Original Color
72, 13.598, 191.409

Protanomaly
72, 4.048, 199.194

Deuteranomaly
72, 3.875, 279.647

Tritanomaly
72, 12.753, 218.609

Monochromacy



Original Color
72, 13.598, 191.409

Achromatopsia
70, 0.009, 296.813

Achromatomaly
71, 4.833, 192.604

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 13.598, 191.409 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(146, 184, 181)` looks like.

```
.text, #text, p{  
    color:rgb(146, 184, 181)  
}
```

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(146, 184, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 184, 181) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 13.598, 191.409 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(146, 184, 181) }
```

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

```
.border{ border-color:rgb(146, 184, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 184, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 184, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 184, 181);  
box-shadow:4px 4px 4px 4px rgb(146, 184,  
181) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 13.598, 191.409 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 184, 181) }
```

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

```
.background{ background-color: rgb(146,  
184, 181) }
```

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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