

Converting Colors

CIELCh(72, 15.410, 159.637)

Have a look what the booklet for
CIELCh(72, 15.410, 159.637)
contains.

CIELCh(72, 15.491, 159.026)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(72, 15.491, 159.026)

Conversions

Conversions Part 1

Format	Color
Hex	98B8A6
RGB	152, 184, 166
RGB Percent	60%, 72%, 65%
CMY	0.4043, 0.2788, 0.3494
CMYK	0.17, 0.00, 0.10, 0.28
HSL	146°, 18%, 66%
HSV	146°, 17%, 72%
XYZ	36.9280, 43.6590, 42.5135
YIQ	172.3800, -13.2940, -12.3820

Conversions

Conversions Part 2

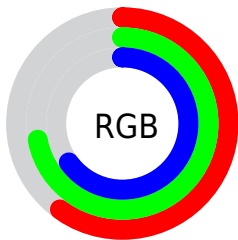
Format	Color
RYB	152, 174, 184
Decimal	10008742
CIELab	72.00, -14.46, 5.54
CIElCh	72, 15.491, 159.026
Yxy	43.6590, 0.3000, 0.3547
Android (android.graphics.Color)	4288198822 (0xFF98B8A6)
YUV	172.3800, -3.1453, -17.8733
Hunter-Lab	66.0750, -15.8710, 8.1045

Details

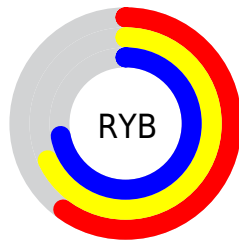
The CIELCh color **72, 15.491, 159.026** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **66, 15.742, 341.808**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **92, 15.350, 158.699**, and **52, 15.495, 158.370** is the 20% darker color. If you saturate the color by 10%, you get **71, 24.332, 158.056**, and if you desaturate by 10%, it is **74, 6.577, 159.909**.

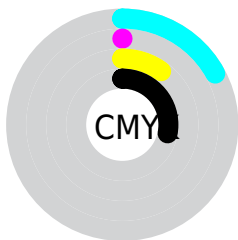
Distribution



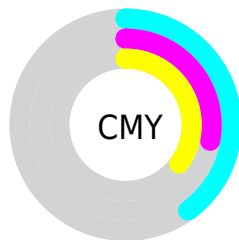
- Red (60%)
- Green (72%)
- Blue (65%)



- Red (60%)
- Yellow (68%)
- Blue (72%)



- Cyan (17%)
- Magenta (0%)
- Yellow (10%)
- Black (28%)





- Cyan (40%)
- Magenta (28%)
- Yellow (35%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 72, 15.491, 159.026 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, 15.491, 159.026 by changing the saturation by 10% instead.


 72, 15.491,
159.026


 72, 15.491,
159.026


 100, 15.491,
159.026


 62, 15.491,
159.026


 92, 15.491,
159.026

 52, 15.491,
159.026

 42, 15.491,
159.026

 32, 15.491,
159.026

 22, 15.491,
159.026

 12, 15.491,
159.026

 2, 15.491, 159.026

■ 0, 15.491, 159.026

■ 72, 15.491,
159.026

■ 72, 15.491,
159.026

■ 71, 24.332,
158.056

■ 74, 6.577, 159.909

■ 69, 32.968,
156.967

■ 75, 2.311, 340.463

■ 68, 41.256,
155.730

■ 77, 11.090,
341.278

■ 68, 49.043,
154.322

■ 79, 19.703,
341.921

■ 67, 56.186,
152.723

■ 81, 28.107,
342.503

■ 66, 62.569,
150.918

■ 82, 34.353,
339.949

■ 83, 37.942,

■ 66, 68.130,
148.913

333.635

■ 66, 72.903,
146.761

■ 83, 41.946,
328.561

■ 66, 74.077,
146.224

■ 83, 44.545,
325.967

Harmonies

Complementary

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



72, 15.491, 159.026



66, 15.742, 341.808

Rectangle

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



72, 15.491, 159.026



72, 15.491, 209.026



72, 15.491, 339.026



72, 15.491, 29.026

Sweetspot

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



72, 15.493, 159.024



94, 5.505, 160.119



73, 18.096, 125.884



50, 3.755, 160.054



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, 15.493, 159.024



91, 23.178, 158.654



72, 11.509, 192.707



38, 5.033, 159.740



56, 65.016, 146.539



8, 15.020, 155.262

Inverse Universe

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



66, 15.742, 341.808



82, 23.629, 342.163



66, 12.691, 15.298



36, 5.081, 341.112



33, 59.645, 355.686



3, 12.683, 347.181

Previews

White Background



This preview shows how the CIELCh color 72, 15.491, 159.026 looks on a white background.

Color Contrast Check

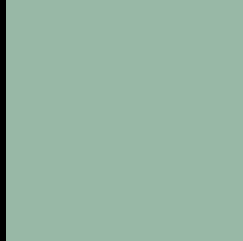
Large Text (above 18pt) WCAG AA × Fail

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, 15.491, 159.026 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

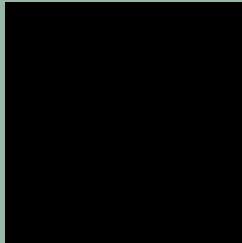
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 72, 15.491, 159.026

Background



This preview shows how black text looks on a background with the CIELCh color 72, 15.491, 159.026.



This preview shows how white text looks on a background with the CIELCh color 72, 15.491, 159.026.

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, 15.491, 159.026

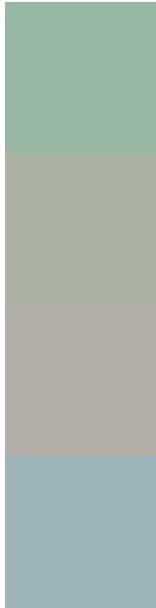
Protanopia
72, 8.198, 87.097

Deuteranopia
72, 10.079, 23.299



Tritanopia
72, 10.903, 243.500

Trichromacy



Original Color
72, 15.491, 159.026

Protanomaly
72, 8.473, 125.104

Deuteranomaly
72, 4.238, 82.977

Tritanomaly
72, 9.374, 208.805

Monochromacy



Original Color
72, 15.491, 159.026

Achromatopsia
70, 0.009, 296.813

Achromatomaly
71, 5.291, 160.859

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 15.491, 159.026 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(152, 184, 166)` looks like.

```
.text, #text, p{  
    color:rgb(152, 184, 166)  
}
```

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(152, 184, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 184, 166) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 15.491, 159.026 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(152, 184, 166) }
```

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

```
.border{ border-color:rgb(152, 184, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 184, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 184, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 184, 166);  
box-shadow:4px 4px 4px 4px rgb(152, 184,  
166) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 15.491, 159.026 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 184, 166) }
```

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

```
.background{ background-color: rgb(152,  
184, 166) }
```

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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