

Converting Colors

CIELCh(72, 10.058, 178.302)

Have a look what the booklet for
CIELCh(72, 10.058, 178.302)
contains.

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Color

CIELCh(72, 10.081, 179.681)

Conversions

Conversions Part 1

Format	Color
Hex	9CB6B0
RGB	156, 182, 176
RGB Percent	61%, 71%, 69%
CMY	0.3882, 0.2863, 0.3098
CMYK	0.14, 0.00, 0.03, 0.29
HSL	166°, 15%, 66%
HSV	166°, 14%, 71%
XYZ	38.2752, 43.6590, 47.4845
YIQ	173.5420, -13.5700, -7.3780

Conversions

Conversions Part 2

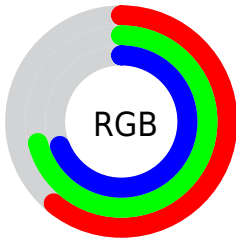
Format	Color
RYB	156, 171, 182
Decimal	10270384
CIELab	72.00, -10.08, 0.06
CIElCh	72, 10.081, 179.681
Yxy	43.6590, 0.2957, 0.3373
Android (android.graphics.Color)	4288460464 (0xFF9CB6B0)
YUV	173.5420, 1.2118, -15.3843
Hunter-Lab	66.0750, -12.2316, 3.6440

Details

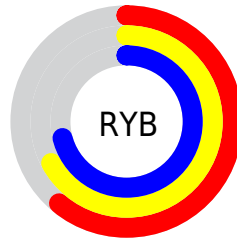
The CIELCh color **72, 10.081, 179.681** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **67, 10.610, 2.275**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **92, 9.946, 180.592**, and **52, 10.088, 181.594** is the 20% darker color. If you saturate the color by 10%, you get **71, 16.870, 178.684**, and if you desaturate by 10%, it is **73, 3.056, 180.699**.

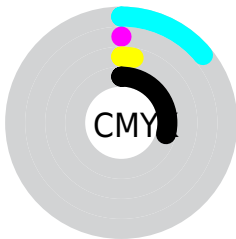
Distribution



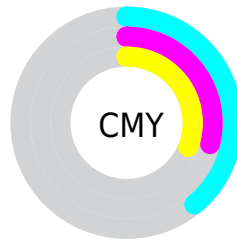
- Red (61%)
- Green (71%)
- Blue (69%)



- Red (61%)
- Yellow (67%)
- Blue (71%)



- Cyan (14%)
- Magenta (0%)
- Yellow (3%)
- Black (29%)





- Cyan (39%)
- Magenta (29%)
- Yellow (31%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 72, 10.081, 179.681 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, 10.081, 179.681 by changing the saturation by 10% instead.


 72, 10.081,
179.681


 72, 10.081,
179.681


 100, 10.081,
179.681


 62, 10.081,
179.681


 92, 10.081,
179.681

 52, 10.081,
179.681

 42, 10.081,
179.681

 32, 10.081,
179.681

 22, 10.081,
179.681

 12, 10.081,
179.681

 2, 10.081, 179.681

0, 10.081, 179.681

72, 10.081,
179.681

72, 10.081,
179.681

71, 16.870,
178.684

73, 3.056, 180.699

70, 23.311,
177.636

75, 4.111, 1.305

69, 29.287,
176.510

77, 11.340, 2.211

68, 34.683,
175.284

78, 18.567, 3.027

67, 39.396,
173.936

80, 25.743, 3.803

67, 43.357,
172.442

81, 29.148, 1.767

81, 29.775,
357.679

81, 30.559,

■ 66, 46.540,
170.780

353.791

■ 66, 48.985,
168.938

■ 82, 31.487,
350.127

■ 66, 50.191,
167.858

Harmonies

Complementary

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



72, 10.081, 179.681



67, 10.610, 2.275

Rectangle

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



72, 10.081, 179.681



72, 10.081, 229.681



72, 10.081, 359.681



72, 10.081, 49.681

Sweetspot

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



72, 10.082, 179.675



93, 3.537, 180.727



72, 16.087, 137.162



50, 2.533, 180.634



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, 10.082, 179.675



91, 14.814, 179.381



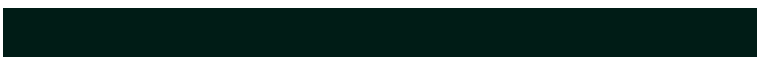
70, 7.738, 228.421



38, 4.050, 180.159



57, 44.536, 168.120



8, 11.863, 173.896

Inverse Universe

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



67, 10.610, 2.275



83, 15.764, 2.615



68, 8.412, 46.704



36, 4.188, 1.736



32, 62.603, 26.227



2, 10.988, 5.658

Previews

White Background



This preview shows how the CIELCh color 72, 10.081, 179.681 looks on a white background.

Color Contrast Check

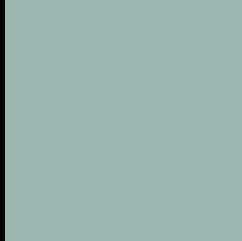
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 72, 10.081, 179.681 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

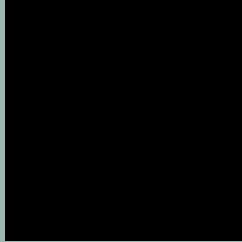
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

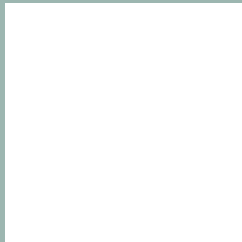
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 72, 10.081, 179.681

Background



This preview shows how black text looks on a background with the CIELCh color 72, 10.081, 179.681.



This preview shows how white text looks on a background with the CIELCh color 72, 10.081, 179.681.

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](#).

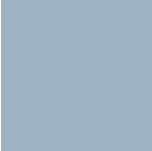
Dichromacy



Original Color
72, 10.081, 179.681

Protanopia
72, 2.484, 60.265

Deuteranopia
72, 8.828, 354.674



Tritanopia
72, 10.605, 249.655

Trichromacy



Original Color
72, 10.081, 179.681

Protanomaly
72, 3.795, 153.536

Deuteranomaly
72, 1.868, 343.630

Tritanomaly
72, 8.613, 225.253

Monochromacy



Original Color
72, 10.081, 179.681

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 3.879, 182.878

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 10.081, 179.681 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(156, 182, 176)` looks like.

```
.text, #text, p{  
    color:rgb(156, 182, 176)  
}
```

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(156, 182, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 182, 176) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 10.081, 179.681 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(156, 182, 176) }
```

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

```
.border{ border-color:rgb(156, 182, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 182, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 182, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 182, 176);  
box-shadow:4px 4px 4px 4px rgb(156, 182,  
176) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 10.081, 179.681 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 182, 176) }
```

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

```
.background{ background-color: rgb(156,  
182, 176) }
```

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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