

Converting Colors

CIELCh(72, 15.159, 179.542)

Have a look what the booklet for
CIELCh(72, 15.159, 179.542)
contains.

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Color

CIELCh(72, 15.240, 179.394)

Conversions

Conversions Part 1

Format	Color
Hex	91B9B0
RGB	145, 185, 176
RGB Percent	57%, 73%, 69%
CMY	0.4327, 0.2759, 0.3112
CMYK	0.22, 0.00, 0.05, 0.28
HSL	166°, 22%, 65%
HSV	166°, 22%, 72%
XYZ	36.6934, 43.6590, 47.3859
YIQ	172.0140, -20.9510, -11.2790

Conversions

Conversions Part 2

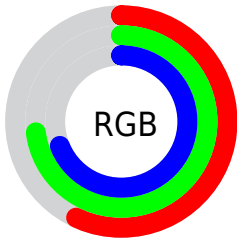
Format	Color
RYB	145, 168, 185
Decimal	9550256
CIELab	72.00, -15.24, 0.16
CIELCh	72, 15.240, 179.394
Yxy	43.6590, 0.2873, 0.3418
Android (android.graphics.Color)	4287740336 (0xFF91B9B0)
YUV	172.0140, 1.9651, -23.6913
Hunter-Lab	66.0750, -16.5050, 3.7324

Details

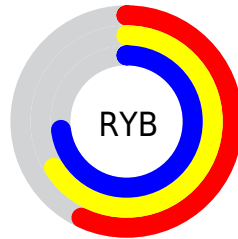
The CIELCh color **72, 15.240, 179.394** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **64, 16.518, 3.573**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **92, 15.238, 180.596**, and **52, 15.083, 179.868** is the 20% darker color. If you saturate the color by 10%, you get **71, 21.830, 178.365**, and if you desaturate by 10%, it is **73, 8.326, 180.370**.

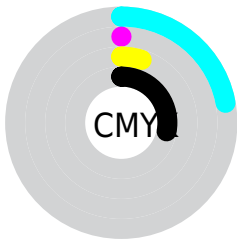
Distribution



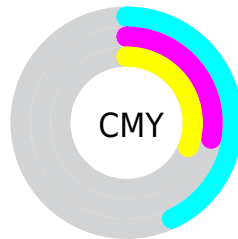
- Red (57%)
- Green (73%)
- Blue (69%)



- Red (57%)
- Yellow (66%)
- Blue (73%)



- Cyan (22%)
- Magenta (0%)
- Yellow (5%)
- Black (28%)





- Cyan (43%)
- Magenta (28%)
- Yellow (31%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 72, 15.240, 179.394 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, 15.240, 179.394 by changing the saturation by 10% instead.


 72, 15.240,
179.394


 72, 15.240,
179.394


 100, 15.240,
179.394


 62, 15.240,
179.394


 92, 15.240,
179.394

 52, 15.240,
179.394

 42, 15.240,
179.394

 32, 15.240,
179.394

 22, 15.240,
179.394

 12, 15.240,
179.394

 2, 15.240, 179.394

0, 15.240, 179.394

72, 15.240,
179.394

72, 15.240,
179.394

71, 21.830,
178.365

73, 8.326, 180.370

70, 27.975,
177.268

75, 1.193, 181.613

76, 6.065, 1.998

69, 33.557,
176.080

78, 13.372, 2.865

68, 38.470,
174.777

80, 20.664, 3.670

82, 27.734, 4.314

68, 42.632,
173.336

82, 28.263, 0.013

67, 46.006,
171.735

82, 28.957,
355.903

■ 67, 48.613,
169.958

■ 82, 29.803,
352.019

■ 67, 50.368,
168.390

Harmonies

Complementary

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



72, 15.240, 179.394



64, 16.518, 3.573

Rectangle

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



72, 15.240, 179.394



72, 15.240, 229.394



72, 15.240, 359.394



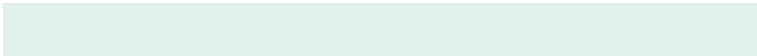
72, 15.240, 49.394

Sweetspot

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



72, 15.241, 179.390



94, 5.329, 180.929



72, 24.720, 136.772



50, 3.530, 180.860



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, 15.241, 179.390



90, 22.416, 178.909



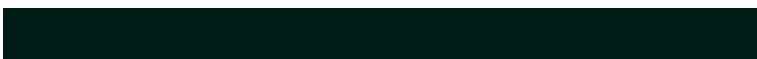
69, 11.641, 229.029



38, 4.038, 180.598



57, 44.208, 168.670



8, 11.812, 174.397

Inverse Universe

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



64, 16.518, 3.573



78, 24.764, 4.188



66, 13.283, 46.426



36, 4.178, 2.170



32, 62.824, 26.700



2, 10.972, 5.992

Previews

White Background



This preview shows how the CIELCh color 72, 15.240, 179.394 looks on a white background.

Color Contrast Check

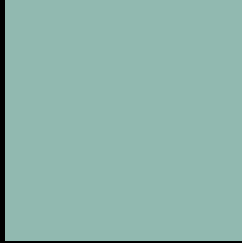
Large Text (above 18pt) WCAG AA × Fail

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, 15.240, 179.394 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

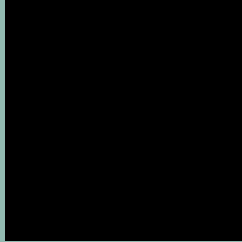
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 72, 15.240, 179.394

Background



This preview shows how black text looks on a background with the CIELCh color 72, 15.240, 179.394.

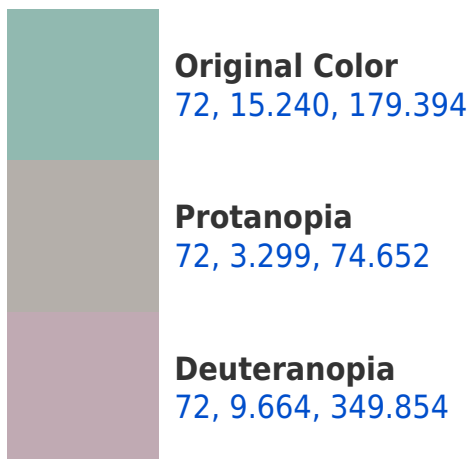


This preview shows how white text looks on a background with the CIELCh color 72, 15.240, 179.394.

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





Tritanopia
72, 13.420, 233.467

Trichromacy



Original Color
72, 15.240, 179.394

Protanomaly
72, 5.917, 158.970

Deuteranomaly
72, 1.642, 290.374

Tritanomaly
72, 12.835, 213.313

Monochromacy



Original Color
72, 15.240, 179.394

Achromatopsia
70, 0.009, 296.813

Achromatomaly
71, 5.997, 177.619

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 15.240, 179.394 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(145, 185, 176)` looks like.

```
.text, #text, p{  
    color:rgb(145, 185, 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(145, 185, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 185, 176) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 15.240, 179.394 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(145, 185, 176) }
```

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

```
.border{ border-color:rgb(145, 185, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 185, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 185, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 185, 176);  
box-shadow:4px 4px 4px 4px rgb(145, 185,  
176) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 15.240, 179.394 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 185, 176) }
```

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

```
.background{ background-color: rgb(145,  
185, 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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