

Converting Colors

CIELCh(73, 15.654, 187.449)

Have a look what the booklet for
CIELCh(73, 15.654, 187.449)
contains.

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Color

CIELCh(73, 15.914, 186.300)

Conversions

Conversions Part 1

Format	Color
Hex	90BCB6
RGB	144, 188, 182
RGB Percent	56%, 74%, 71%
CMY	0.4360, 0.2635, 0.2870
CMYK	0.23, 0.00, 0.03, 0.26
HSL	172°, 25%, 65%
HSV	172°, 23%, 74%
XYZ	37.8332, 45.1644, 50.8745
YIQ	174.1600, -24.2980, -11.1940

Conversions

Conversions Part 2

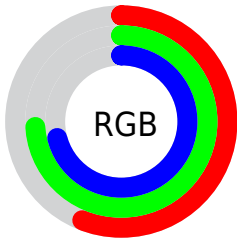
Format	Color
RYB	144, 168, 188
Decimal	9485494
CIELab	73.00, -15.82, -1.75
CIELCh	73, 15.914, 186.300
Yxy	45.1644, 0.2826, 0.3374
Android (android.graphics.Color)	4287675574 (0xFF90BCB6)
YUV	174.1600, 3.8651, -26.4503
Hunter-Lab	67.2044, -17.1199, 2.1600

Details

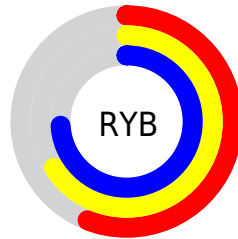
The CIELCh color **73, 15.914, 186.300** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **64, 17.832, 10.528**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 15.647, 186.957**, and **53, 16.218, 185.357** is the 20% darker color. If you saturate the color by 10%, you get **72, 22.087, 185.406**, and if you desaturate by 10%, it is **74, 9.321, 187.168**.

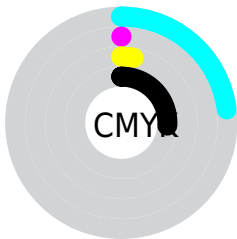
Distribution



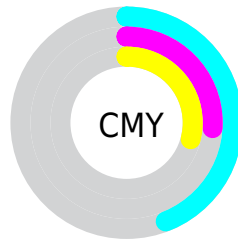
- Red (56%)
- Green (74%)
- Blue (71%)



- Red (56%)
- Yellow (66%)
- Blue (74%)



- Cyan (23%)
- Magenta (0%)
- Yellow (3%)
- Black (26%)





- Cyan (44%)
- Magenta (26%)
- Yellow (29%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 15.914, 186.300 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 73, 15.914, 186.300 by changing the saturation by 10% instead.


 73, 15.914,
186.300


 73, 15.914,
186.300


 100, 15.914,
186.300


 63, 15.914,
186.300


 93, 15.914,
186.300

 53, 15.914,
186.300

 43, 15.914,
186.300

 33, 15.914,
186.300

 23, 15.914,
186.300

 13, 15.914,
186.300

 3, 15.914, 186.300

0, 15.914, 186.300

73, 15.914,
186.300

73, 15.914,
186.300

72, 22.087,
185.406

74, 9.321, 187.168

71, 27.719,
184.481

76, 2.416, 188.147

77, 4.700, 8.635

70, 32.699,
183.504

79, 11.941, 9.485

70, 36.930,
182.460

81, 19.237, 10.269

82, 25.964, 10.733

69, 40.349,
181.328

83, 26.119, 7.816

69, 42.938,
180.088

83, 26.346, 4.942

■ 68, 44.741,
178.723

■ 83, 26.642, 2.129

■ 68, 45.647,
177.785

Harmonies

Complementary

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



73, 15.914, 186.300



64, 17.832, 10.528

Rectangle

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



73, 15.914, 186.300



73, 15.914, 236.300



73, 15.914, 6.300



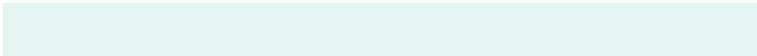
73, 15.914, 56.300

Sweetspot

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



73, 15.915, 186.296



95, 6.092, 187.738



73, 27.832, 139.041



51, 3.953, 187.681



98, 0.011, 296.813



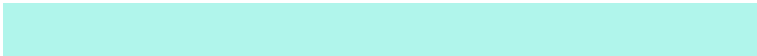
51, 0.007, 296.813

Same Dimension

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



73, 15.915, 186.296



92, 23.283, 185.852



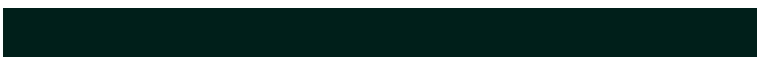
69, 12.800, 240.383



39, 3.978, 187.529



58, 40.102, 177.992



9, 12.552, 182.286

Inverse Universe

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



64, 17.832, 10.528



78, 26.798, 11.186



68, 14.435, 55.812



37, 4.155, 8.964



33, 67.358, 33.168



3, 12.389, 11.598

Previews

White Background



This preview shows how the CIELCh color 73, 15.914, 186.300 looks on a white background.

Color Contrast Check

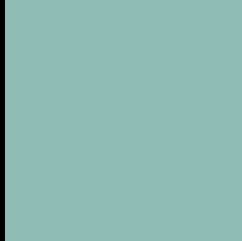
Large Text (above 18pt) WCAG AA × Fail

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 73, 15.914, 186.300 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

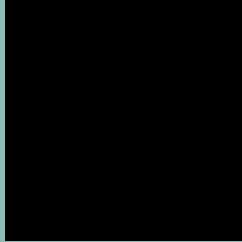
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

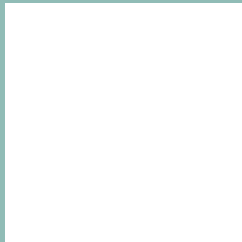
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 73, 15.914, 186.300

Background



This preview shows how black text looks on a background with the CIELCh color 73, 15.914, 186.300.

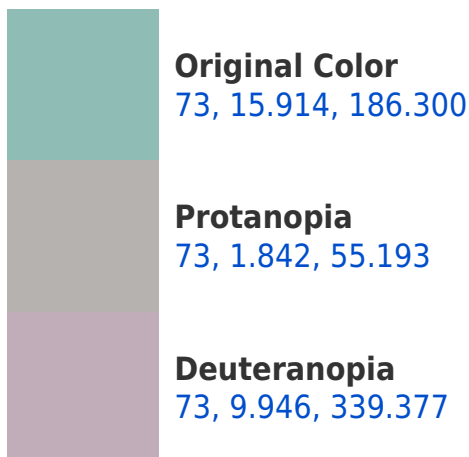


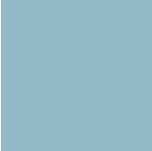
This preview shows how white text looks on a background with the CIELCh color 73, 15.914, 186.300.

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
73, 14.704, 232.430

Trichromacy



Original Color
73, 15.914, 186.300

Protanomaly
73, 5.631, 176.340

Deuteranomaly
73, 3.429, 271.800

Tritanomaly
73, 14.142, 214.095

Monochromacy



Original Color
73, 15.914, 186.300

Achromatopsia
71, 0.009, 296.813

Achromatomaly
72, 5.992, 188.496

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 15.914, 186.300 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(144, 188, 182)` looks like.

```
.text, #text, p{  
    color:rgb(144, 188, 182)  
}
```

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(144, 188, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 188, 182) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 15.914, 186.300 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(144, 188, 182) }
```

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

```
.border{ border-color:rgb(144, 188, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 188, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 188, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 188, 182);  
box-shadow:4px 4px 4px 4px rgb(144, 188,  
182) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 15.914, 186.300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 188, 182) }
```

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

```
.background{ background-color: rgb(144,  
188, 182) }
```

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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