

Converting Colors

CIELCh(73, 15.729, 191.467)

Have a look what the booklet for
CIELCh(73, 15.729, 191.467)
contains.

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Color

CIELCh(73, 15.946, 190.298)

Conversions

Conversions Part 1

Format	Color
Hex	8FBCB8
RGB	143, 188, 184
RGB Percent	56%, 74%, 72%
CMY	0.4399, 0.2635, 0.2791
CMYK	0.24, 0.00, 0.02, 0.26
HSL	175°, 25%, 65%
HSV	175°, 24%, 74%
XYZ	37.8730, 45.1644, 51.9682
YIQ	174.0890, -25.5360, -10.7840

Conversions

Conversions Part 2

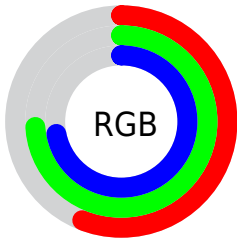
Format	Color
RYB	143, 167, 188
Decimal	9419960
CIELab	73.00, -15.69, -2.85
CIELCh	73, 15.946, 190.298
Yxy	45.1644, 0.2805, 0.3345
Android (android.graphics.Color)	4287610040 (0xFF8FBCB8)
YUV	174.0890, 4.8861, -27.2651
Hunter-Lab	67.2044, -17.0143, 1.1950

Details

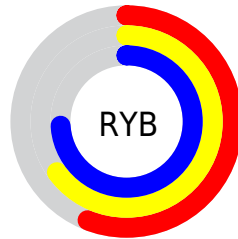
The CIELCh color **73, 15.946, 190.298** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **64, 18.186, 14.281**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 15.712, 190.830**, and **53, 16.189, 189.522** is the 20% darker color. If you saturate the color by 10%, you get **72, 21.899, 189.527**, and if you desaturate by 10%, it is **74, 9.528, 191.065**.

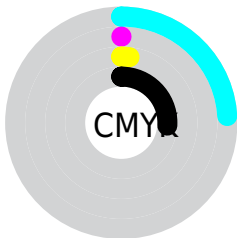
Distribution



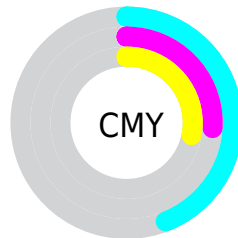
- Red (56%)
- Green (74%)
- Blue (72%)



- Red (56%)
- Yellow (65%)
- Blue (74%)



- Cyan (24%)
- Magenta (0%)
- Yellow (2%)
- Black (26%)





- Cyan (44%)
- Magenta (26%)
- Yellow (28%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 15.946, 190.298 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, 15.946, 190.298 by changing the saturation by 10% instead.


 73, 15.946,
190.298


 73, 15.946,
190.298


 100, 15.946,
190.298


 63, 15.946,
190.298


 93, 15.946,
190.298

 53, 15.946,
190.298

 43, 15.946,
190.298

 33, 15.946,
190.298

 23, 15.946,
190.298

 13, 15.946,
190.298

 3, 15.946, 190.298

0, 15.946, 190.298

73, 15.946,
190.298

73, 15.946,
190.298

72, 21.899,
189.527

74, 9.528, 191.065

71, 27.270,
188.752

76, 2.754, 191.943

77, 4.273, 12.376

70, 31.951,
187.958

79, 11.465, 13.186

70, 35.853,
187.134

81, 18.749, 13.931

82, 25.866, 14.586

69, 38.922,
186.265

82, 25.897, 12.660

69, 41.149,
185.334

82, 25.959, 10.740

■ 69, 42.586,
184.324

■ 83, 26.051, 8.833

■ 69, 43.215,
183.691

Harmonies

Complementary

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



73, 15.946, 190.298



64, 18.186, 14.281

Rectangle

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



73, 15.946, 190.298



73, 15.946, 240.298



73, 15.946, 10.298



73, 15.946, 60.298

Sweetspot

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



73, 15.947, 190.294



95, 6.008, 191.626



72, 28.924, 140.350



51, 3.898, 191.573



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, 15.947, 190.294



92, 23.544, 189.871



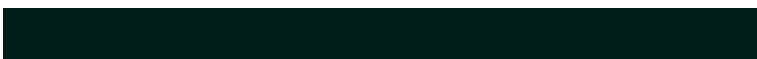
68, 13.370, 246.987



39, 3.921, 191.434



59, 37.997, 183.842



9, 12.179, 187.072

Inverse Universe

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



64, 18.186, 14.281



78, 27.767, 14.987



68, 14.842, 61.477



37, 4.117, 12.735



33, 69.391, 35.863



3, 12.315, 14.293

Previews

White Background



This preview shows how the CIELCh color 73, 15.946, 190.298 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, 15.946, 190.298 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

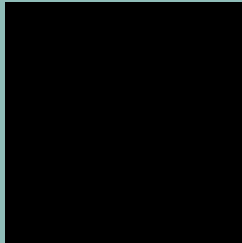
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

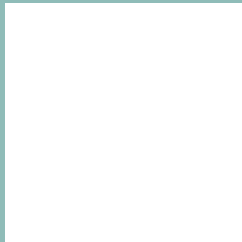
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 73, 15.946, 190.298

Background



This preview shows how black text looks on a background with the CIELCh color 73, 15.946, 190.298.

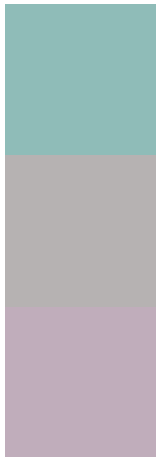


This preview shows how white text looks on a background with the CIELCh color 73, 15.946, 190.298.

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

73, 15.946, 190.298

Protanopia

73, 1.500, 19.194

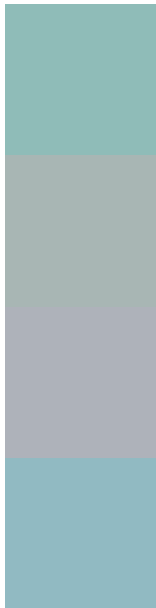
Deuteranopia

73, 10.419, 333.455



Tritanopia
73, 15.228, 231.089

Trichromacy



Original Color
73, 15.946, 190.298

Protanomaly
73, 5.269, 187.163

Deuteranomaly
72, 4.566, 271.989

Tritanomaly
73, 14.546, 215.881

Monochromacy



Original Color
73, 15.946, 190.298

Achromatopsia
71, 0.009, 296.813

Achromatomaly
72, 5.893, 193.687

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 15.946, 190.298 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(143, 188, 184)` looks like.

```
.text, #text, p{  
    color:rgb(143, 188, 184)  
}
```

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(143, 188, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 188, 184) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 15.946, 190.298 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(143, 188, 184) }
```

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

```
.border{ border-color:rgb(143, 188, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 188, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 188, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 188, 184);  
box-shadow:4px 4px 4px 4px rgb(143, 188,  
184) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 15.946, 190.298 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 188, 184) }
```

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

```
.background{ background-color: rgb(143,  
188, 184) }
```

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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