

# Converting Colors

CIELCh(73, 16.595, 182.847)

Have a look what the booklet for  
CIELCh(73, 16.595, 182.847)  
contains.

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# Color

**CIELCh(73, 16.583, 182.859)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8FBCB4
RGB	143, 188, 180
RGB Percent	56%, 74%, 71%
CMY	0.4388, 0.2623, 0.2937
CMYK	0.24, 0.00, 0.04, 0.26
HSL	169°, 25%, 65%
HSV	169°, 24%, 74%
XYZ	37.6040, 45.1644, 49.9759
YIQ	173.6330, -24.2520, -12.0280

# Conversions

## Conversions Part 2

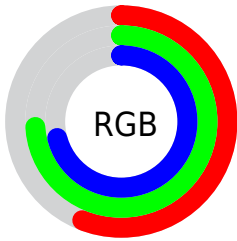
Format	Color
<a href="#">RYB</a>	<a href="#">143, 168, 188</a>
Decimal	<a href="#">9419956</a>
CIELab	<a href="#">73.00, -16.56, -0.83</a>
CIELCh	<a href="#">73, 16.583, 182.859</a>
Yxy	<a href="#">45.1644, 0.2833, 0.3402</a>
Android (android.graphics.Color)	<a href="#">4287610036</a> ( <a href="#">0xFF8FBCB4</a> )
YUV	<a href="#">173.6330, 3.1389, -26.8651</a>
Hunter-Lab	<a href="#">67.2044, -17.7289, 2.9528</a>

# Details

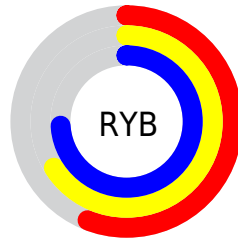
The CIELCh color **73, 16.583, 182.859** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **64, 18.394, 7.410**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 16.271, 183.618**, and **53, 16.947, 181.775** is the 20% darker color. If you saturate the color by 10%, you get **72, 22.934, 181.882**, and if you desaturate by 10%, it is **74, 9.838, 183.792**.

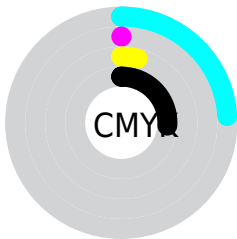
# Distribution



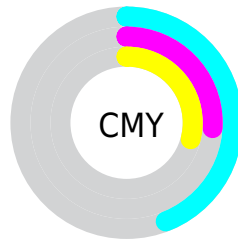
- Red (56%)
- Green (74%)
- Blue (71%)



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



- Cyan (24%)
- Magenta (0%)
- Yellow (4%)
- Black (26%)




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


# Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 16.583, 182.859 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, 16.583, 182.859 by changing the saturation by 10% instead.





 73, 16.583,  
182.859


 73, 16.583,  
182.859


 100, 16.583,  
182.859


 63, 16.583,  
182.859


 93, 16.583,  
182.859

 53, 16.583,  
182.859

 43, 16.583,  
182.859

 33, 16.583,  
182.859

 23, 16.583,  
182.859

 13, 16.583,  
182.859

 3, 16.583, 182.859

0, 16.583, 182.859

73, 16.583,  
182.859

73, 16.583,  
182.859

72, 22.934,  
181.882

74, 9.838, 183.792

76, 2.810, 184.795

71, 28.769,  
180.851

77, 4.402, 5.351

70, 33.974,  
179.744

79, 11.713, 6.237

69, 38.449,  
178.542

81, 19.054, 7.043

83, 26.006, 7.579

69, 42.127,  
177.222

83, 26.324, 3.826

69, 44.987,  
175.762

83, 26.761, 0.185

■ 68, 47.074,  
174.146

■ 83, 27.310,  
356.682

■ 68, 48.107,  
173.127

# Harmonies

# Complementary

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



73, 16.583, 182.859



64, 18.394, 7.410

# Rectangle

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



73, 16.583, 182.859



73, 16.583, 232.859



73, 16.583, 2.859



73, 16.583, 52.859

# Sweetspot

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



73, 16.584, 182.855



95, 6.186, 184.440



73, 28.164, 138.083



51, 4.015, 184.381



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, 16.584, 182.855



92, 24.573, 182.321



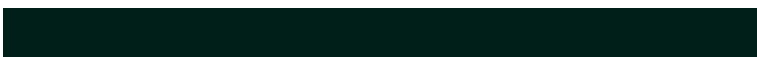
69, 12.975, 235.988



39, 4.042, 184.221



58, 42.178, 173.375



9, 12.927, 178.341



# Inverse Universe

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



64, 18.394, 7.410



78, 27.983, 8.160



67, 14.837, 51.970



37, 4.203, 5.740



33, 65.550, 30.376



3, 12.476, 9.274



# Previews

## White Background



This preview shows how the CIELCh color 73, 16.583, 182.859 looks on a white background.

## Color Contrast Check

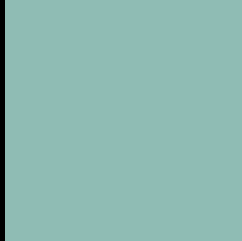
Large Text (above 18pt) WCAG AA × Fail

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 73, 16.583, 182.859 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, 16.583, 182.859**

## **Background**



This preview shows how black text looks on a background with the CIELCh color 73, 16.583, 182.859.



This preview shows how white text looks on a background with the CIELCh color 73, 16.583, 182.859.

# 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, 16.583, 182.859

**Protanopia**  
73, 2.859, 68.492

**Deuteranopia**  
73, 9.595, 345.837





**Tritanopia**  
73, 14.966, 231.747

# Trichromacy



**Original Color**  
73, 16.583, 182.859

**Protanomaly**  
73, 6.163, 167.090

**Deuteranomaly**  
72, 2.428, 263.342

**Tritanomaly**  
73, 14.142, 214.095

# Monochromacy



**Original Color**  
73, 16.583, 182.859

**Achromatopsia**  
71, 0.009, 296.813

**Achromatomaly**  
72, 6.136, 183.509

# CSS Examples

## Text

The CSS property to change the color of the text to CIELCh 73, 16.583, 182.859 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, 180)` looks like.

```
.text, #text, p{  
    color:rgb(143, 188, 180)  
}
```

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, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 188, 180) }
```

## Border

The CSS property to change the border of an element to CIELCh 73, 16.583, 182.859 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, 180) }
```

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

```
.border{ border-color:rgb(143, 188, 180) }
```

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, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 188, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 188, 180);  
box-shadow:4px 4px 4px 4px rgb(143, 188,  
180) }
```

# Background

The CSS property to change the background color of an element to CIELCh 73, 16.583, 182.859 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, 180) }
```

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

```
.background{ background-color: rgb(143,  
188, 180) }
```

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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