

Converting Colors

CIELCh(73, 19.044, 169.396)

Have a look what the booklet for
CIELCh(73, 19.044, 169.396)
contains.

CIELCh(73, 19.120, 169.019)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(73, 19.120, 169.019)

Conversions

Conversions Part 1

Format	Color
Hex	8FBDAC
RGB	143, 189, 172
RGB Percent	56%, 74%, 67%
CMY	0.4395, 0.2592, 0.3258
CMYK	0.24, 0.00, 0.09, 0.26
HSL	158°, 26%, 65%
HSV	158°, 24%, 74%
XYZ	36.9296, 45.1644, 45.7572
YIQ	173.3080, -21.9590, -15.0390

Conversions

Conversions Part 2

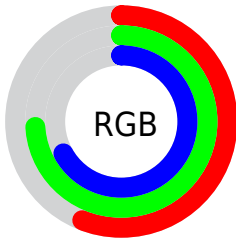
Format	Color
RYB	143, 171, 189
Decimal	9420204
CIELab	73.00, -18.77, 3.64
CIELCh	73, 19.120, 169.019
Yxy	45.1644, 0.2888, 0.3533
Android (android.graphics.Color)	4287610284 (0xFF8FBDAC)
YUV	173.3080, -0.6448, -26.5801
Hunter-Lab	67.2044, -19.5201, 6.6746

Details

The CIELCh color **73, 19.120, 169.019** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **64, 20.181, 353.766**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 18.870, 168.684**, and **53, 19.465, 169.043** is the 20% darker color. If you saturate the color by 10%, you get **72, 26.619, 167.898**, and if you desaturate by 10%, it is **74, 11.361, 170.045**.

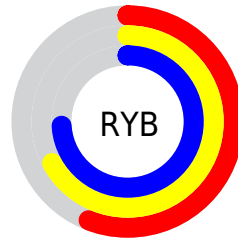
Distribution



Red (56%)

Green (74%)

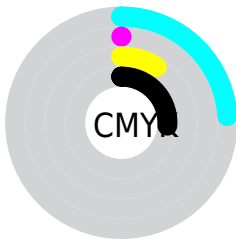
Blue (67%)



Red (56%)

Yellow (67%)

Blue (74%)

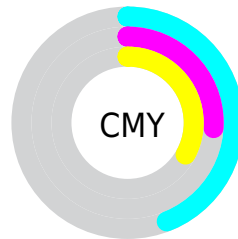


Cyan (24%)

Magenta (0%)

Yellow (9%)

Black (26%)



Cyan (44%)


Magenta (26%)


Yellow (33%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 19.120, 169.019 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, 19.120, 169.019 by changing the saturation by 10% instead.


 73, 19.120,
169.019


 73, 19.120,
169.019


 100, 19.120,
169.019


 63, 19.120,
169.019


 93, 19.120,
169.019

 53, 19.120,
169.019

 43, 19.120,
169.019

 33, 19.120,
169.019

 23, 19.120,
169.019

 13, 19.120,
169.019

 3, 19.120, 169.019

■ 0, 19.120, 169.019

■ 73, 19.120,
169.019

■ 73, 19.120,
169.019

■ 72, 26.619,
167.898

■ 74, 11.361,
170.045

■ 71, 33.726,
166.664

■ 76, 3.454, 171.064

■ 70, 40.311,
165.290

■ 78, 4.503, 351.704

■ 69, 46.254,
163.749

■ 79, 12.432,
352.571

■ 69, 51.462,
162.020

■ 81, 20.273,
353.341

■ 68, 55.896,
160.086

■ 83, 27.567,
353.550

■ 83, 29.229,

■ 68, 59.581,
157.948

347.038

■ 68, 61.463,
156.718

■ 84, 31.252,
341.340

■ 84, 33.568,
336.426

Harmonies

Complementary

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



73, 19.120, 169.019



64, 20.181, 353.766

Rectangle

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



73, 19.120, 169.019



73, 19.120, 219.019



73, 19.120, 349.019



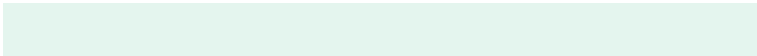
73, 19.120, 39.019

Sweetspot

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



73, 19.121, 169.017



95, 6.861, 170.765



73, 27.092, 131.956



50, 4.456, 170.704



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, 19.121, 169.017



91, 27.938, 168.458



72, 14.233, 210.281



39, 4.493, 170.540



57, 53.559, 157.052



9, 15.071, 163.510

Inverse Universe

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



64, 20.181, 353.766



78, 29.835, 354.403



65, 16.829, 30.986



37, 4.589, 352.124



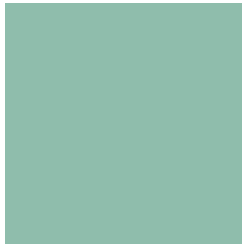
33, 59.623, 13.893



3, 13.137, 359.006

Previews

White Background



This preview shows how the CIELCh color 73, 19.120, 169.019 looks on a white background.

Color Contrast Check

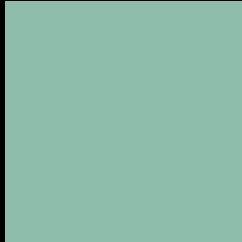
Large Text (above 18pt) WCAG AA × Fail

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, 19.120, 169.019 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

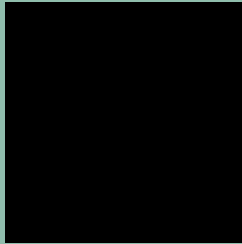
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

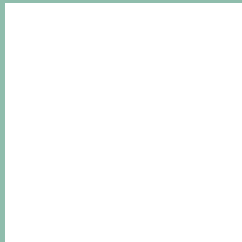
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 73, 19.120, 169.019

Background



This preview shows how black text looks on a background with the CIELCh color 73, 19.120, 169.019.

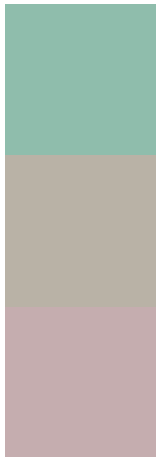


This preview shows how white text looks on a background with the CIELCh color 73, 19.120, 169.019.

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](#).

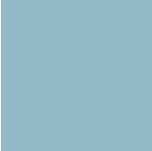
Dichromacy



Original Color
73, 19.120, 169.019

Protanopia
73, 7.018, 86.902

Deuteranopia
73, 9.247, 13.460



Tritanopia
73, 14.704, 232.430

Trichromacy



Original Color
73, 19.120, 169.019

Protanomaly
73, 8.874, 140.147

Deuteranomaly
73, 2.814, 125.396

Tritanomaly
73, 13.953, 207.384

Monochromacy



Original Color
73, 19.120, 169.019

Achromatopsia
71, 0.009, 296.813

Achromatomaly
72, 7.136, 171.601

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 19.120, 169.019 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, 189, 172)` looks like.

```
.text, #text, p{  
    color:rgb(143, 189, 172)  
}
```

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, 189, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 189, 172) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 19.120, 169.019 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, 189, 172) }
```

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

```
.border{ border-color:rgb(143, 189, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 189, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 189, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 189, 172);  
box-shadow:4px 4px 4px 4px rgb(143, 189,  
172) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 19.120, 169.019 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 189, 172) }
```

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

```
.background{ background-color: rgb(143,  
189, 172) }
```

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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