

Converting Colors

CIELCh(70, 9.032, 209.690)

Have a look what the booklet for
CIELCh(70, 9.032, 209.690) contains.

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Color

CIELCh(70, 9.073, 209.207)

Conversions

Conversions Part 1

Format	Color
Hex	97B0B3
RGB	151, 176, 179
RGB Percent	59%, 69%, 70%
CMY	0.4088, 0.3108, 0.2990
CMYK	0.16, 0.02, 0.00, 0.30
HSL	186°, 16%, 65%
HSV	186°, 16%, 70%
XYZ	36.3014, 40.7494, 48.4635
YIQ	168.8670, -15.8630, -4.3670

Conversions

Conversions Part 2

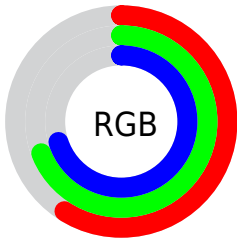
Format	Color
RYB	151, 164, 179
Decimal	9941171
CIELab	70.00, -7.92, -4.43
CIELCh	70, 9.073, 209.207
Yxy	40.7494, 0.2892, 0.3247
Android (android.graphics.Color)	4288131251 (0xFF97B0B3)
YUV	168.8670, 4.9956, -15.6694
Hunter-Lab	63.8353, -10.2036, -0.3280

Details

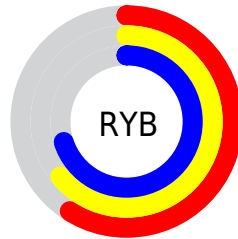
The CIELCh color **70, 9.073, 209.207** is a light color, and the websafe version is hex **999999**. A complement of this color would be **66, 10.059, 29.692**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **90, 9.037, 208.843**, and **50, 9.098, 205.919** is the 20% darker color. If you saturate the color by 10%, you get **68, 14.389, 209.189**, and if you desaturate by 10%, it is **72, 3.369, 209.382**.

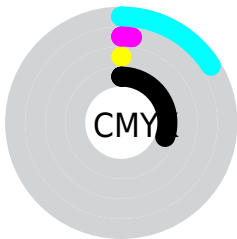
Distribution



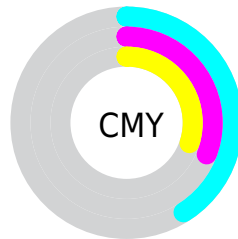
- Red (59%)
- Green (69%)
- Blue (70%)



- Red (59%)
- Yellow (64%)
- Blue (70%)



- Cyan (16%)
- Magenta (2%)
- Yellow (0%)
- Black (30%)



- Cyan (41%)
- Magenta (31%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 70, 9.073, 209.207 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 70, 9.073, 209.207 by changing the saturation by 10% instead.

■ 70, 9.073, 209.207

■ 70, 9.073, 209.207

■ 100, 9.073,
209.207

■ 60, 9.073, 209.207

■ 90, 9.073, 209.207

■ 50, 9.073, 209.207

■ 40, 9.073, 209.207

■ 30, 9.073, 209.207

■ 20, 9.073, 209.207

■ 10, 9.073, 209.207

■ 0, 9.073, 209.207

■ 70, 9.073, 209.207

■ 70, 9.073, 209.207

■ 68, 14.389,

■ 72, 3.369, 209.382

209.189

74, 2.638, 29.206

67, 19.222,
209.321

76, 8.872, 29.573

65, 23.477,
209.615

78, 15.270, 29.875

64, 27.064,
210.104

80, 21.778, 30.195

63, 29.911,
210.826

82, 27.157, 30.847

62, 31.980,
211.823

82, 26.636, 33.105

61, 33.273,
213.136

83, 26.158, 35.453

60, 33.863,
214.795

83, 25.728, 37.885

60, 34.019,
215.569

Harmonies

Complementary

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



70, 9.073, 209.207



66, 10.059, 29.692

Rectangle

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



70, 9.073, 209.207



70, 9.073, 259.207



70, 9.073, 29.207



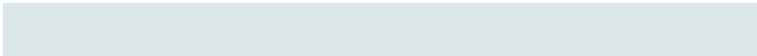
70, 9.073, 79.207

Sweetspot

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



70, 9.073, 209.197



91, 3.684, 209.407



70, 17.476, 146.292



49, 2.529, 209.378



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



70, 9.073, 209.197



88, 13.457, 209.179



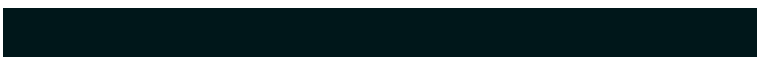
66, 10.034, 267.615



37, 3.336, 209.281



52, 30.361, 215.307



6, 7.944, 214.500

Inverse Universe

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



66, 17.421, 328.373



81, 26.161, 328.590



69, 10.195, 83.418



35, 6.273, 327.995



35, 72.659, 332.934



2, 14.573, 329.096

Previews

White Background



This preview shows how the CIELCh color 70, 9.073, 209.207 looks on a white background.

Color Contrast Check

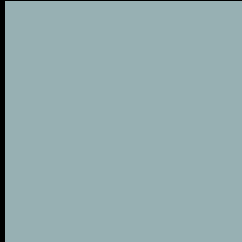
Large Text (above 18pt) WCAG AA × Fail

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 70, 9.073, 209.207 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

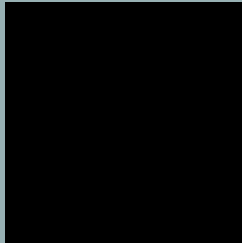
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

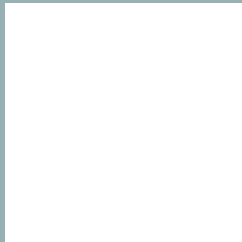
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 70, 9.073, 209.207

Background



This preview shows how black text looks on a background with the CIELCh color 70, 9.073, 209.207.



This preview shows how white text looks on a background with the CIELCh color 70, 9.073, 209.207.

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

70, 9.073, 209.207

Protanopia

70, 2.855, 305.612

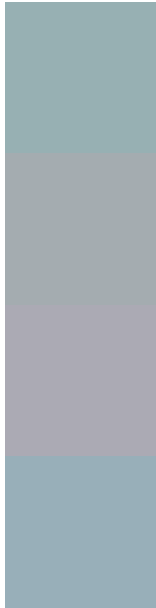
Deuteranopia

70, 10.422, 328.324



Tritanopia
70, 10.487, 246.185

Trichromacy



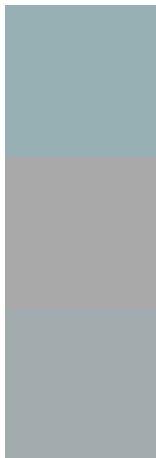
Original Color
70, 9.073, 209.207

Protanomaly
70, 3.640, 236.397

Deuteranomaly
70, 5.501, 294.569

Tritanomaly
70, 9.676, 233.481

Monochromacy



Original Color
70, 9.073, 209.207

Achromatopsia
69, 0.009, 296.813

Achromatomaly
69, 3.486, 217.641

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 9.073, 209.207 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(151, 176, 179)` looks like.

```
.text, #text, p{  
    color:rgb(151, 176, 179)  
}
```

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(151, 176, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 176, 179) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 9.073, 209.207 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(151, 176, 179) }
```

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

```
.border{ border-color:rgb(151, 176, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 176, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 176, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 176, 179);  
box-shadow:4px 4px 4px 4px rgb(151, 176,  
179) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 9.073, 209.207 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 176, 179) }
```

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

```
.background{ background-color: rgb(151,  
176, 179) }
```

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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