

Converting Colors

CIELCh(70, 10.011, 211.184)

Have a look what the booklet for
CIELCh(70, 10.011, 211.184)
contains.

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Color

CIELCh(70, 9.814, 211.640)

Conversions

Conversions Part 1

Format	Color
Hex	95B0B4
RGB	149, 176, 180
RGB Percent	58%, 69%, 71%
CMY	0.4156, 0.3097, 0.2940
CMYK	0.17, 0.02, 0.00, 0.29
HSL	188°, 17%, 65%
HSV	188°, 17%, 71%
XYZ	36.1707, 40.7494, 49.1531
YIQ	168.3830, -17.3760, -4.4800

Conversions

Conversions Part 2

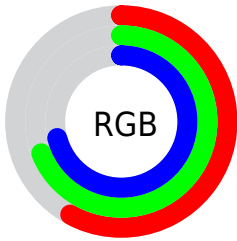
Format	Color
R_{YB}	149, 163, 180
Decimal	9810100
CIE _{Lab}	70.00, -8.36, -5.15
CIE _{LCh}	70, 9.814, 211.640
Y _{xy}	40.7494, 0.2869, 0.3232
Android (android.graphics.Color)	4288000180 (0xFF95B0B4)
YUV	168.3830, 5.7272, -16.9989
Hunter-Lab	63.8353, -10.5690, -0.9685

Details

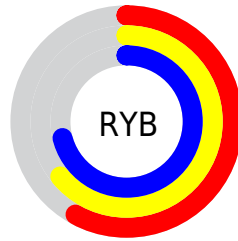
The CIELCh color **70, 9.814, 211.640** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **65, 11.001, 31.862**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **90, 10.080, 210.759**, and **50, 9.570, 212.727** is the 20% darker color. If you saturate the color by 10%, you get **68, 15.003, 211.763**, and if you desaturate by 10%, it is **72, 4.230, 211.671**.

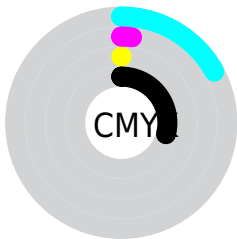
Distribution



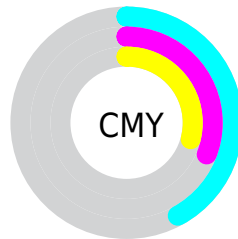
- Red (58%)
- Green (69%)
- Blue (71%)



- Red (58%)
- Yellow (64%)
- Blue (71%)



- Cyan (17%)
- Magenta (2%)
- Yellow (0%)
- Black (29%)



- Cyan (42%)
- Magenta (31%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 70, 9.814, 211.640 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, 9.814, 211.640 by changing the saturation by 10% instead.

■ 70, 9.814, 211.640

■ 70, 9.814, 211.640

■ 100, 9.814,
211.640

■ 60, 9.814, 211.640

■ 90, 9.814, 211.640

■ 50, 9.814, 211.640

■ 40, 9.814, 211.640

■ 30, 9.814, 211.640

■ 20, 9.814, 211.640

■ 10, 9.814, 211.640

■ 0, 9.814, 211.640

■ 70, 9.814, 211.640

■ 70, 9.814, 211.640

■ 68, 15.003,

■ 72, 4.230, 211.671

211.763

74, 1.665, 31.308

67, 19.704,
212.058

76, 7.796, 31.690

65, 23.822,
212.547

78, 14.099, 31.915

64, 27.271,
213.271

80, 20.521, 32.162

62, 29.985,
214.278

83, 25.628, 35.625

61, 31.931,
215.621

84, 25.119, 38.656

60, 33.124,
217.353

84, 24.684, 41.806

60, 33.668,
219.494

59, 33.781,
220.116

Harmonies

Complementary

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



70, 9.814, 211.640



65, 11.001, 31.862

Rectangle

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



70, 9.814, 211.640



70, 9.814, 261.640



70, 9.814, 31.640



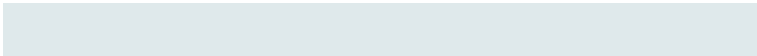
70, 9.814, 81.640

Sweetspot

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



70, 9.814, 211.631



92, 3.652, 211.728



70, 19.111, 146.679



49, 2.486, 211.705



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, 9.814, 211.631



88, 14.651, 211.667



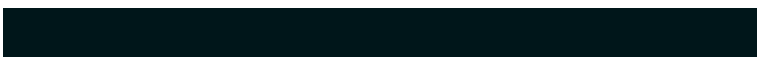
66, 11.304, 269.348



37, 3.278, 211.642



51, 29.983, 219.774



6, 7.791, 217.931

Inverse Universe

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



65, 18.986, 329.163



81, 28.744, 329.414



69, 11.464, 84.721



35, 6.177, 328.683



35, 71.447, 334.037



2, 14.261, 330.116

Previews

White Background



This preview shows how the CIELCh color 70, 9.814, 211.640 looks on a white background.

Color Contrast Check

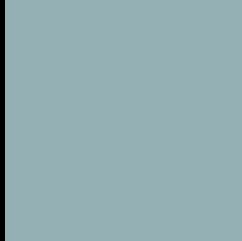
Large Text (above 18pt) WCAG AA × Fail

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, 9.814, 211.640 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

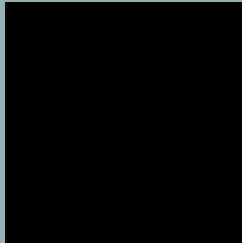
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

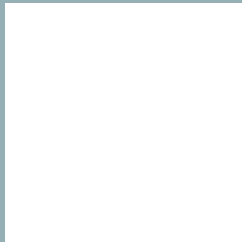
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 70, 9.814, 211.640

Background



This preview shows how black text looks on a background with the CIELCh color 70, 9.814, 211.640.



This preview shows how white text looks on a background with the CIELCh color 70, 9.814, 211.640.

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, 9.814, 211.640

Protanopia

70, 3.386, 303.213

Deuteranopia

70, 10.643, 324.895



Tritanopia
70, 11.188, 242.348

Trichromacy



Original Color
70, 9.814, 211.640

Protanomaly
70, 3.980, 242.885

Deuteranomaly
70, 6.031, 290.789

Tritanomaly
70, 10.508, 233.973

Monochromacy



Original Color
70, 9.814, 211.640

Achromatopsia
69, 0.009, 296.813

Achromatomaly
69, 3.733, 207.690

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 9.814, 211.640 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(149, 176, 180)` looks like.

```
.text, #text, p{  
    color:rgb(149, 176, 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(149, 176, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 176, 180) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 9.814, 211.640 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(149, 176, 180) }
```

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

```
.border{ border-color:rgb(149, 176, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 176, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 176, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 176, 180);  
box-shadow:4px 4px 4px 4px rgb(149, 176,  
180) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 9.814, 211.640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 176, 180) }
```

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

```
.background{ background-color: rgb(149,  
176, 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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