

Converting Colors

CIELCh(70, 9.830, 196.024)

Have a look what the booklet for
CIELCh(70, 9.830, 196.024) contains.

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Color

CIELCh(70, 9.725, 198.648)

Conversions

Conversions Part 1

Format	Color
Hex	95B0B0
RGB	149, 176, 176
RGB Percent	58%, 69%, 69%
CMY	0.4144, 0.3085, 0.3085
CMYK	0.15, 0.00, 0.00, 0.31
HSL	180°, 15%, 64%
HSV	180°, 15%, 69%
XYZ	35.9140, 40.7494, 47.2196
YIQ	167.9270, -16.0920, -5.7240

Conversions

Conversions Part 2

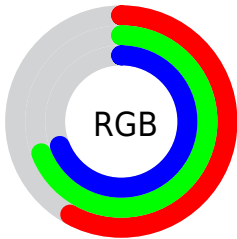
Format	Color
RYB	149, 163, 176
Decimal	9810096
CIELab	70.00, -9.21, -3.11
CIELCh	70, 9.725, 198.648
Yxy	40.7494, 0.2899, 0.3289
Android (android.graphics.Color)	4288000176 (0xFF95B0B0)
YUV	167.9270, 3.9800, -16.5990
Hunter-Lab	63.8353, -11.2868, 0.8272

Details

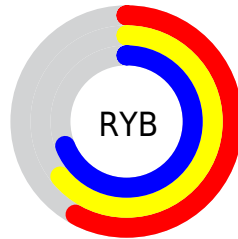
The CIELCh color **70, 9.725, 198.648** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **64, 10.720, 20.385**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **90, 9.992, 198.790**, and **50, 9.456, 202.008** is the 20% darker color. If you saturate the color by 10%, you get **69, 15.572, 198.144**, and if you desaturate by 10%, it is **71, 3.464, 199.252**.

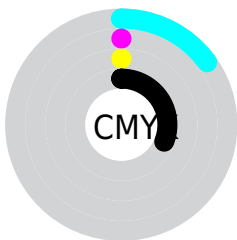
Distribution



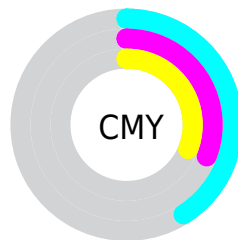
- Red (58%)
- Green (69%)
- Blue (69%)



- Red (58%)
- Yellow (64%)
- Blue (69%)



- Cyan (15%)
- Magenta (0%)
- Yellow (0%)
- Black (31%)



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

Brightness & Saturation Gradients

These gradients show how the CIELCh color 70, 9.725, 198.648 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, 9.725, 198.648 by changing the saturation by 10% instead.

 70, 9.725, 198.648

 70, 9.725, 198.648

 100, 9.725,
198.648

 60, 9.725, 198.648

 90, 9.725, 198.648

 50, 9.725, 198.648

 40, 9.725, 198.648

 30, 9.725, 198.648

 20, 9.725, 198.648

 10, 9.725, 198.648

 0, 9.725, 198.648

 70, 9.725, 198.648

 70, 9.725, 198.648

 69, 15.572,

 71, 3.464, 199.252

198.144

73, 3.116, 19.498

68, 20.900,
197.708

74, 9.925, 20.188

67, 25.607,
197.332

76, 16.887, 20.808

67, 29.603,
197.018

78, 23.941, 21.428

66, 32.821,
196.768

79, 30.985, 22.047

79, 30.984, 22.045

66, 35.229,
196.583

79, 30.984, 22.043

79, 30.984, 22.041

65, 36.838,
196.460

65, 37.718,
196.392

65, 38.004,
196.370

Harmonies

Complementary

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



70, 9.725, 198.648



64, 10.720, 20.385

Rectangle

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



70, 9.725, 198.648



70, 9.725, 248.648



70, 9.725, 18.648



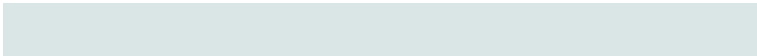
70, 9.725, 68.648

Sweetspot

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



70, 9.726, 198.640



90, 4.037, 199.271



69, 18.012, 143.099



48, 2.747, 199.216



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



70, 9.726, 198.640



88, 14.035, 198.484



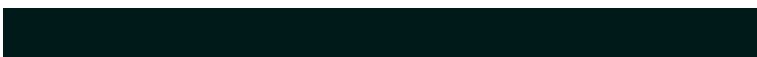
66, 8.688, 255.668



37, 3.691, 198.978



57, 34.229, 196.370



7, 9.138, 199.089

Inverse Universe

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



64, 10.720, 20.385



80, 15.790, 20.645



68, 9.065, 71.740



35, 3.911, 19.904



31, 70.926, 39.522



2, 9.156, 19.398

Previews

White Background



This preview shows how the CIELCh color 70, 9.725, 198.648 looks on a white background.

Color Contrast Check

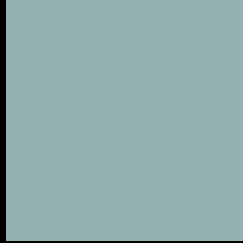
Large Text (above 18pt) WCAG AA × Fail

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 70, 9.725, 198.648 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

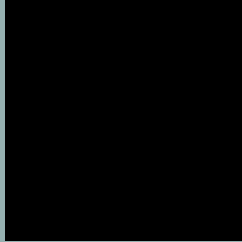
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

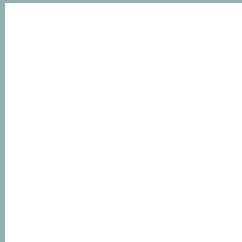
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 70, 9.725, 198.648

Background



This preview shows how black text looks on a background with the CIELCh color 70, 9.725, 198.648.



This preview shows how white text looks on a background with the CIELCh color 70, 9.725, 198.648.

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](#).

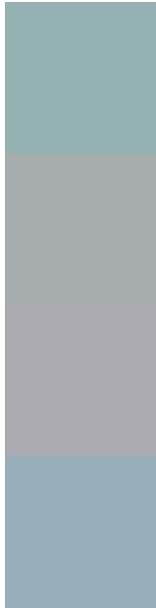
Dichromacy





Tritanopia
70, 10.719, 244.851

Trichromacy



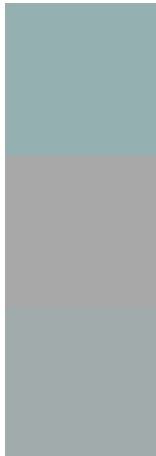
Original Color
70, 9.725, 198.648

Protanomaly
70, 3.139, 219.779

Deuteranomaly
70, 4.409, 295.438

Tritanomaly
70, 9.701, 229.499

Monochromacy



Original Color
70, 9.725, 198.648

Achromatopsia
69, 0.009, 296.813

Achromatomaly
69, 3.711, 199.220

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 9.725, 198.648 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, 176)` looks like.

```
.text, #text, p{  
    color:rgb(149, 176, 176)  
}
```

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, 176) colored shadow looks like.

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

Border

The CSS property to change the border of an element to CIELCh 70, 9.725, 198.648 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, 176) }
```

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

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

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, 176)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to CIELCh 70, 9.725, 198.648 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, 176) }
```

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

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

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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