

Converting Colors

CIELCh(70, 12.707, 195.954)

Have a look what the booklet for
CIELCh(70, 12.707, 195.954)
contains.

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Color

CIELCh(70, 12.810, 195.924)

Conversions

Conversions Part 1

Format	Color
Hex	8EB2B1
RGB	142, 178, 177
RGB Percent	56%, 70%, 69%
CMY	0.4433, 0.3021, 0.3060
CMYK	0.20, 0.00, 0.01, 0.30
HSL	178°, 19%, 63%
HSV	178°, 20%, 70%
XYZ	34.9968, 40.7494, 47.5996
YIQ	167.1220, -21.1350, -7.9430

Conversions

Conversions Part 2

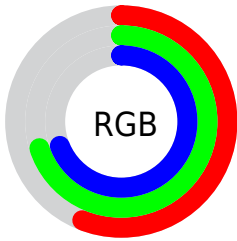
Format	Color
RYB	142, 160, 178
Decimal	9351857
CIELab	70.00, -12.32, -3.51
CIElCh	70, 12.810, 195.924
Yxy	40.7494, 0.2837, 0.3304
Android (android.graphics.Color)	4287541937 (0xFF8EB2B1)
YUV	167.1220, 4.8699, -22.0320
Hunter-Lab	63.8353, -13.8517, 0.4743

Details

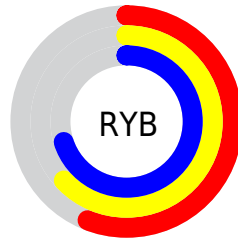
The CIELCh color **70, 12.810, 195.924** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **62, 14.509, 18.646**, and the grayscale version is **69, 0.008, 296.813**.

A 20% lighter version of the original color is **90, 12.981, 196.274**, and **50, 12.659, 195.420** is the 20% darker color. If you saturate the color by 10%, you get **69, 18.517, 195.348**, and if you desaturate by 10%, it is **71, 6.654, 196.540**.

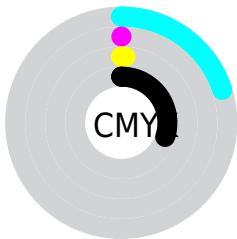
Distribution



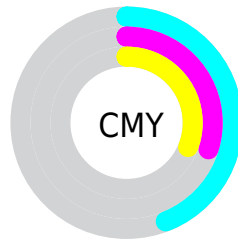
- Red (56%)
- Green (70%)
- Blue (69%)



- Red (56%)
- Yellow (63%)
- Blue (70%)



- Cyan (20%)
- Magenta (0%)
- Yellow (1%)
- Black (30%)





- Cyan (44%)
- Magenta (30%)
- Yellow (31%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 12.810, 195.924 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, 12.810, 195.924 by changing the saturation by 10% instead.

 70, 12.810,
195.924


 70, 12.810,
195.924


 100, 12.810,
195.924


 60, 12.810,
195.924


 90, 12.810,
195.924

 50, 12.810,
195.924

 40, 12.810,
195.924

 30, 12.810,
195.924

 20, 12.810,
195.924

 10, 12.810,
195.924

 0, 12.810, 195.924

70, 12.810,
195.924

70, 12.810,
195.924

69, 18.517,
195.348

71, 6.654, 196.540

68, 23.668,
194.815

73, 0.151, 200.404

74, 6.606, 17.626

67, 28.161,
194.317

76, 13.534, 18.306

67, 31.912,
193.852

77, 20.567, 18.968

79, 27.649, 19.626

66, 34.863,
193.415

80, 30.123, 19.538

66, 36.997,
193.002

80, 30.100, 19.045

80, 30.081, 18.552

66, 38.348,
192.601

66, 39.099,

Harmonies

Complementary

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



70, 12.810, 195.924



62, 14.509, 18.646

Rectangle

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



70, 12.810, 195.924



70, 12.810, 245.924



70, 12.810, 15.924



70, 12.810, 65.924

Sweetspot

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



70, 12.811, 195.918



91, 4.888, 196.839



69, 23.874, 142.333



49, 3.264, 196.789



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, 12.811, 195.918



88, 18.612, 195.675



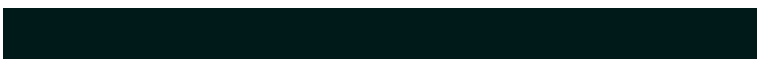
65, 11.364, 254.522



37, 3.701, 196.602



57, 34.965, 192.262



7, 9.174, 195.753

Inverse Universe

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



62, 14.509, 18.646



77, 21.683, 19.086



67, 12.113, 69.345



35, 3.910, 17.657



31, 69.895, 38.407



2, 9.164, 17.615

Previews

White Background



This preview shows how the CIELCh color 70, 12.810, 195.924 looks on a white background.

Color Contrast Check

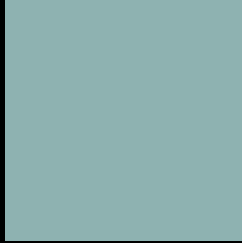
Large Text (above 18pt) WCAG AA × Fail

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, 12.810, 195.924 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

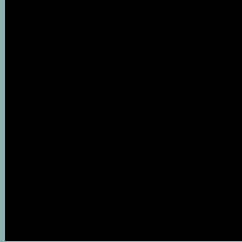
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

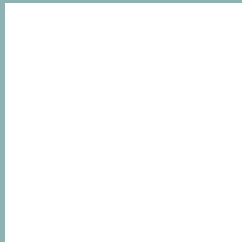
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 70, 12.810, 195.924

Background



This preview shows how black text looks on a background with the CIELCh color 70, 12.810, 195.924.



This preview shows how white text looks on a background with the CIELCh color 70, 12.810, 195.924.

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, 12.810, 195.924

Protanopia

70, 1.588, 335.587

Deuteranopia

70, 10.000, 330.252



Tritanopia
70, 12.948, 235.212

Trichromacy



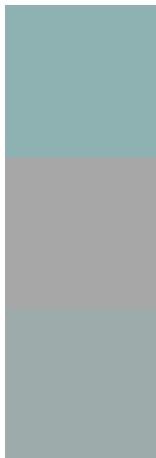
Original Color
70, 12.810, 195.924

Protanomaly
70, 4.086, 206.903

Deuteranomaly
70, 4.979, 282.197

Tritanomaly
70, 12.192, 219.735

Monochromacy



Original Color
70, 12.810, 195.924

Achromatopsia
68, 0.008, 296.813

Achromatomaly
69, 4.804, 199.097

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 12.810, 195.924 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(142, 178, 177)` looks like.

```
.text, #text, p{  
    color:rgb(142, 178, 177)  
}
```

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(142, 178, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 178, 177) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 12.810, 195.924 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(142, 178, 177) }
```

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

```
.border{ border-color:rgb(142, 178, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 178, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 178, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 178, 177);  
box-shadow:4px 4px 4px 4px rgb(142, 178,  
177) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 12.810, 195.924 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 178, 177) }
```

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

```
.background{ background-color: rgb(142,  
178, 177) }
```

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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