

Converting Colors

CIELCh(70, 12.482, 194.851)

Have a look what the booklet for
CIELCh(70, 12.482, 194.851)
contains.

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Color

CIELCh(70, 12.559, 193.377)

Conversions

Conversions Part 1

Format	Color
Hex	8FB2B0
RGB	143, 178, 176
RGB Percent	56%, 70%, 69%
CMY	0.4397, 0.3024, 0.3103
CMYK	0.20, 0.00, 0.01, 0.30
HSL	177°, 18%, 63%
HSV	177°, 20%, 70%
XYZ	35.0261, 40.7494, 47.0290
YIQ	167.3070, -20.2180, -8.0420

Conversions

Conversions Part 2

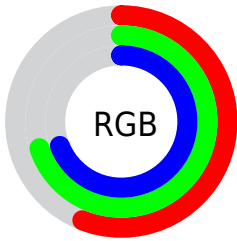
Format	Color
RYB	143, 161, 178
Decimal	9417392
CIELab	70.00, -12.22, -2.91
CIELCh	70, 12.559, 193.377
Yxy	40.7494, 0.2852, 0.3318
Android (android.graphics.Color)	4287607472 (0xFF8FB2B0)
YUV	167.3070, 4.2856, -21.3172
Hunter-Lab	63.8353, -13.7696, 1.0043

Details

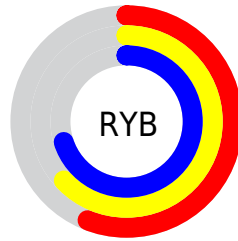
The CIELCh color **70, 12.559, 193.377** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **63, 14.071, 16.277**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **90, 12.725, 193.890**, and **50, 12.321, 195.384** is the 20% darker color. If you saturate the color by 10%, you get **69, 18.367, 192.700**, and if you desaturate by 10%, it is **71, 6.331, 194.079**.

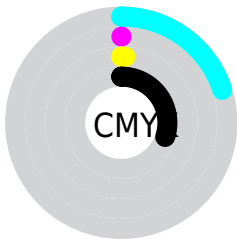
Distribution



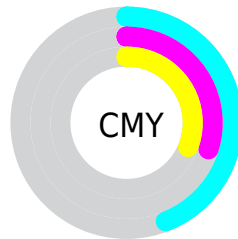
- Red (56%)
- Green (70%)
- Blue (69%)



- 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, 12.559, 193.377 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, 12.559, 193.377 by changing the saturation by 10% instead.


 70, 12.559,
193.377


 70, 12.559,
193.377


 100, 12.559,
193.377


 60, 12.559,
193.377


 90, 12.559,
193.377

 50, 12.559,
193.377

 40, 12.559,
193.377

 30, 12.559,
193.377

 20, 12.559,
193.377

 10, 12.559,
193.377

 0, 12.559, 193.377

70, 12.559,
193.377

70, 12.559,
193.377

69, 18.367,
192.700

71, 6.331, 194.079

68, 23.645,
192.046

73, 0.218, 12.392

74, 6.993, 15.290

67, 28.290,
191.402

76, 13.916, 16.013

67, 32.210,
190.762

77, 20.921, 16.713

79, 27.957, 17.404

66, 35.343,
190.117

80, 30.072, 16.904

66, 37.663,
189.455

80, 30.056, 15.889

80, 30.050, 14.872

66, 39.197,
188.763

65, 40.120,

188.039

■ 65, 40.148,
188.016

Harmonies

Complementary

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



70, 12.559, 193.377



63, 14.071, 16.277

Rectangle

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



70, 12.559, 193.377



70, 12.559, 243.377



70, 12.559, 13.377



70, 12.559, 63.377

Sweetspot

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



70, 12.560, 193.371



91, 4.908, 194.365



69, 22.958, 141.517



49, 3.278, 194.310



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, 12.560, 193.371



88, 18.755, 193.051



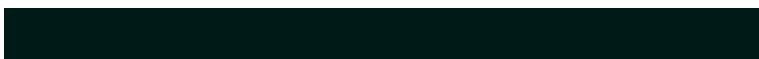
66, 10.790, 250.464



37, 3.719, 194.106



57, 35.904, 188.110



7, 9.242, 192.261

Inverse Universe

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



63, 14.071, 16.277



77, 21.652, 16.799



66, 11.605, 65.698



35, 3.917, 15.281



31, 68.832, 37.191



2, 9.183, 15.732

Previews

White Background



This preview shows how the CIELCh color 70, 12.559, 193.377 looks on a white background.

Color Contrast Check

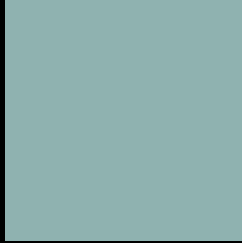
Large Text (above 18pt) WCAG AA × Fail

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, 12.559, 193.377 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

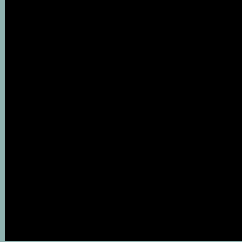
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

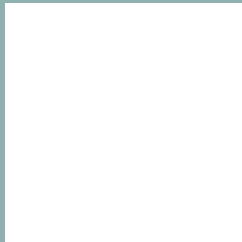
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 70, 12.559, 193.377

Background



This preview shows how black text looks on a background with the CIELCh color 70, 12.559, 193.377.

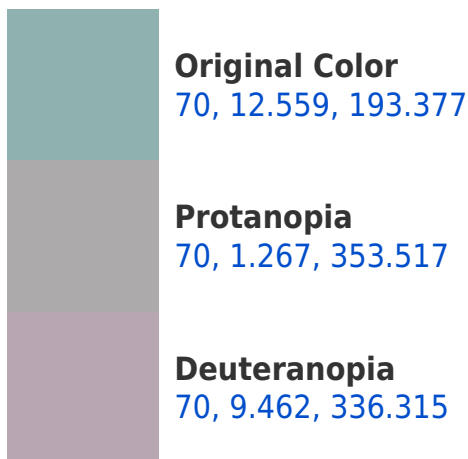


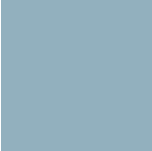
This preview shows how white text looks on a background with the CIELCh color 70, 12.559, 193.377.

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, 12.688, 236.098

Trichromacy



Original Color
70, 12.559, 193.377

Protanomaly
70, 4.068, 199.182

Deuteranomaly
70, 3.853, 285.072

Tritanomaly
70, 11.886, 220.326

Monochromacy



Original Color
70, 12.559, 193.377

Achromatopsia
68, 0.008, 296.813

Achromatomaly
69, 4.857, 192.587

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 12.559, 193.377 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, 178, 176)` looks like.

```
.text, #text, p{  
    color:rgb(143, 178, 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(143, 178, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 178, 176) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 12.559, 193.377 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, 178, 176) }
```

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

```
.border{ border-color:rgb(143, 178, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 178, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(143, 178, 176); -webkit-box-shadow:4px 4px 4px 4px rgb(143, 178, 176); box-shadow:4px 4px 4px 4px rgb(143, 178, 176) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 12.559, 193.377 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 178, 176) }
```

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

```
.background{ background-color: rgb(143,  
178, 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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