

Converting Colors

CIELCh(70, 14.860, 174.212)

Have a look what the booklet for
CIELCh(70, 14.860, 174.212)
contains.

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Color

CIELCh(70, 14.847, 174.223)

Conversions

Conversions Part 1

Format	Color
Hex	8EB3A8
RGB	142, 179, 168
RGB Percent	56%, 70%, 66%
CMY	0.4436, 0.2985, 0.3417
CMYK	0.21, 0.00, 0.06, 0.30
HSL	162°, 20%, 63%
HSV	162°, 21%, 70%
XYZ	34.2830, 40.7494, 43.0411
YIQ	166.6830, -18.5210, -11.2650

Conversions

Conversions Part 2

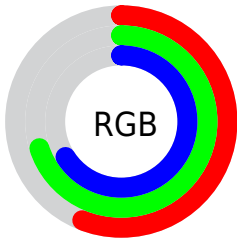
Format	Color
RYB	142, 164, 179
Decimal	9352104
CIELab	70.00, -14.77, 1.49
CIElCh	70, 14.847, 174.223
Yxy	40.7494, 0.2904, 0.3451
Android (android.graphics.Color)	4287542184 (0xFF8EB3A8)
YUV	166.6830, 0.6493, -21.6470
Hunter-Lab	63.8353, -15.8476, 4.7083

Details

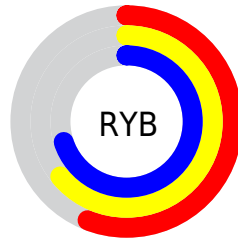
The CIELCh color $70, 14.847, 174.223$ is a light color, and the websafe version is hex `99CCCC`. A complement of this color would be $63, 15.763, 358.224$, and the grayscale version is $68, 0.008, 296.813$.

A 20% lighter version of the original color is $90, 15.035, 173.889$, and $50, 14.726, 174.378$ is the 20% darker color. If you saturate the color by 10%, you get $69, 21.695, 173.153$, and if you desaturate by 10%, it is $71, 7.747, 175.226$.

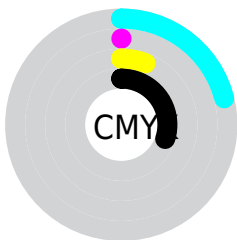
Distribution



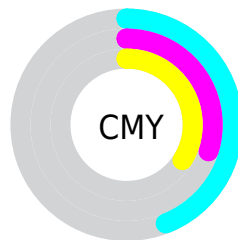
- Red (56%)
- Green (70%)
- Blue (66%)



- Red (56%)
- Yellow (64%)
- Blue (70%)



- Cyan (21%)
- Magenta (0%)
- Yellow (6%)
- Black (30%)





- Cyan (44%)
- Magenta (30%)
- Yellow (34%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 14.847, 174.223 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, 14.847, 174.223 by changing the saturation by 10% instead.


 70, 14.847,
174.223


 70, 14.847,
174.223


 100, 14.847,
174.223


 60, 14.847,
174.223


 90, 14.847,
174.223

 50, 14.847,
174.223

 40, 14.847,
174.223

 30, 14.847,
174.223

 20, 14.847,
174.223

 10, 14.847,
174.223

 0, 14.847, 174.223

70, 14.847,
174.223

70, 14.847,
174.223

69, 21.695,
173.153

71, 7.747, 175.226

68, 28.173,
171.995

73, 0.495, 176.973

74, 6.821, 356.879

67, 34.161,
170.725

76, 14.130,
357.726

66, 39.547,
169.317

78, 21.379,
358.511

66, 44.240,
167.748

80, 28.528,
359.255

65, 48.190,
165.996


81, 31.415,
356.210

65, 51.404,
164.048

81, 32.490,
351.619

65, 53.904,

162.124

 81, 33.776,
347.370

Harmonies

Complementary

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



70, 14.847, 174.223



63, 15.763, 358.224

Rectangle

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



70, 14.847, 174.223



70, 14.847, 224.223



70, 14.847, 354.223



70, 14.847, 44.223

Sweetspot

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



70, 14.848, 174.220



91, 5.391, 175.695



70, 22.546, 134.806



49, 3.604, 175.626



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, 14.848, 174.220



88, 22.031, 173.724



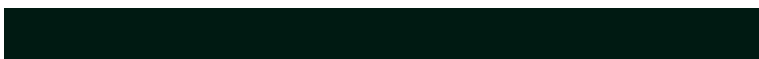
68, 11.098, 220.274



37, 4.103, 175.363



56, 47.820, 162.414



7, 10.654, 169.411

Inverse Universe

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



63, 15.763, 358.224



77, 23.730, 358.809



64, 12.703, 39.164



35, 4.215, 356.958



32, 59.677, 20.434



2, 9.692, 1.017

Previews

White Background



This preview shows how the CIELCh color 70, 14.847, 174.223 looks on a white background.

Color Contrast Check

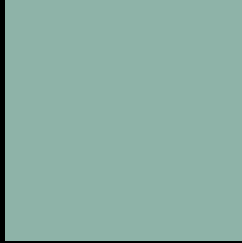
Large Text (above 18pt) WCAG AA × Fail

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, 14.847, 174.223 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

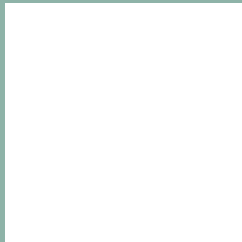
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 70, 14.847, 174.223

Background



This preview shows how black text looks on a background with the CIELCh color 70, 14.847, 174.223.



This preview shows how white text looks on a background with the CIELCh color 70, 14.847, 174.223.

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](#).

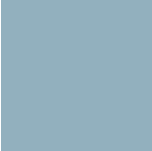
Dichromacy



Original Color
70, 14.847, 174.223

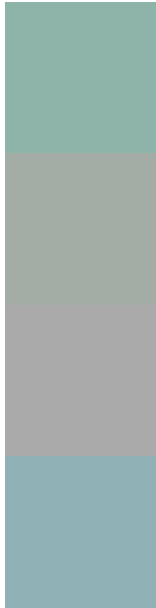
Protanopia
70, 4.262, 82.957

Deuteranopia
70, 9.036, 358.958



Tritanopia
70, 12.688, 236.098

Trichromacy



Original Color
70, 14.847, 174.223

Protanomaly
70, 5.812, 150.215

Deuteranomaly
70, 0.378, 18.144

Tritanomaly
70, 11.845, 211.965

Monochromacy



Original Color
70, 14.847, 174.223

Achromatopsia
68, 0.008, 296.813

Achromatomaly
69, 5.357, 174.822

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 14.847, 174.223 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, 179, 168)` looks like.

```
.text, #text, p{  
    color:rgb(142, 179, 168)  
}
```

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, 179, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 179, 168) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 14.847, 174.223 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, 179, 168) }
```

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

```
.border{ border-color:rgb(142, 179, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 179, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 179, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 179, 168);  
box-shadow:4px 4px 4px 4px rgb(142, 179,  
168) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 14.847, 174.223 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 179, 168) }
```

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

```
.background{ background-color: rgb(142,  
179, 168) }
```

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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