

Converting Colors

CIELCh(70, 15.537, 179.569)

Have a look what the booklet for
CIELCh(70, 15.537, 179.569)
contains.

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Color

CIELCh(70, 15.316, 179.327)

Conversions

Conversions Part 1

Format	Color
Hex	8BB3AA
RGB	139, 179, 170
RGB Percent	55%, 70%, 67%
CMY	0.4540, 0.2971, 0.3325
CMYK	0.22, 0.00, 0.05, 0.30
HSL	166°, 21%, 62%
HSV	166°, 22%, 70%
XYZ	34.1262, 40.7494, 44.2079
YIQ	166.0140, -20.9510, -11.2790

Conversions

Conversions Part 2

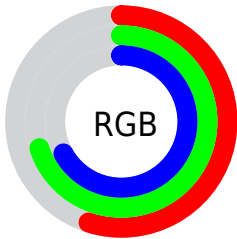
Format	Color
RYB	139, 162, 179
Decimal	9155498
CIELab	70.00, -15.31, 0.18
CIElCh	70, 15.316, 179.327
Yxy	40.7494, 0.2866, 0.3422
Android (android.graphics.Color)	4287345578 (0xFF8BB3AA)
YUV	166.0140, 1.9651, -23.6913
Hunter-Lab	63.8353, -16.2860, 3.6245

Details

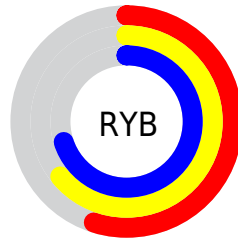
The CIELCh color **70, 15.316, 179.327** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **62, 16.641, 3.645**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **90, 15.502, 178.752**, and **50, 15.169, 179.746** is the 20% darker color. If you saturate the color by 10%, you get **69, 21.725, 178.297**, and if you desaturate by 10%, it is **71, 8.584, 180.302**.

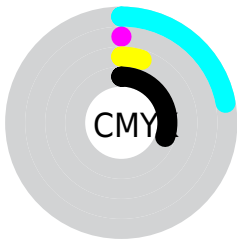
Distribution



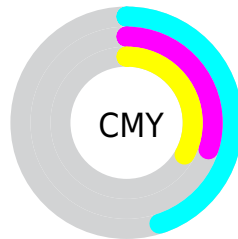
- Red (55%)
- Green (70%)
- Blue (67%)



- Red (55%)
- Yellow (64%)
- Blue (70%)



- Cyan (22%)
- Magenta (0%)
- Yellow (5%)
- Black (30%)





- Cyan (45%)
- Magenta (30%)
- Yellow (33%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 15.316, 179.327 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, 15.316, 179.327 by changing the saturation by 10% instead.


 70, 15.316,
179.327


 70, 15.316,
179.327


 100, 15.316,
179.327


 60, 15.316,
179.327


 90, 15.316,
179.327

 50, 15.316,
179.327

 40, 15.316,
179.327

 30, 15.316,
179.327

 20, 15.316,
179.327

 10, 15.316,
179.327

 0, 15.316, 179.327

70, 15.316,
179.327

70, 15.316,
179.327

69, 21.725,
178.297

71, 8.584, 180.302

68, 27.694,
177.197

73, 1.633, 181.436

74, 5.446, 1.929

67, 33.109,
176.005

76, 12.576, 2.802

66, 37.867,
174.698

78, 19.697, 3.608

80, 26.763, 4.378

66, 41.890,
173.253

81, 30.224, 2.601

66, 45.144,
171.646

81, 30.784,
358.782

65, 47.656,
169.864

81, 31.486,
355.125

65, 49.240,

Harmonies

Complementary

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



70, 15.316, 179.327



62, 16.641, 3.645

Rectangle

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



70, 15.316, 179.327



70, 15.316, 229.327



70, 15.316, 359.327



70, 15.316, 49.327

Sweetspot

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



70, 15.317, 179.323



91, 6.050, 180.818



70, 24.871, 136.738



49, 3.961, 180.758



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, 15.317, 179.323



88, 22.630, 178.804



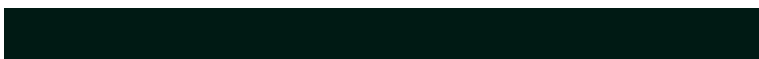
67, 11.691, 229.086



37, 3.946, 180.596



56, 43.662, 168.693



7, 10.114, 175.022

Inverse Universe

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



62, 16.641, 3.645



76, 25.098, 4.314



64, 13.396, 46.404



35, 4.081, 2.161



32, 62.024, 26.609



2, 9.474, 5.265

Previews

White Background



This preview shows how the CIELCh color 70, 15.316, 179.327 looks on a white background.

Color Contrast Check

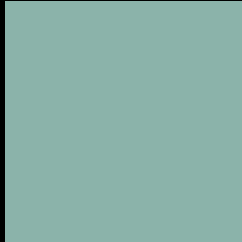
Large Text (above 18pt) WCAG AA × Fail

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, 15.316, 179.327 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

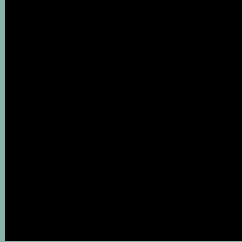
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 70, 15.316, 179.327

Background



This preview shows how black text looks on a background with the CIELCh color 70, 15.316, 179.327.



This preview shows how white text looks on a background with the CIELCh color 70, 15.316, 179.327.

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, 15.316, 179.327

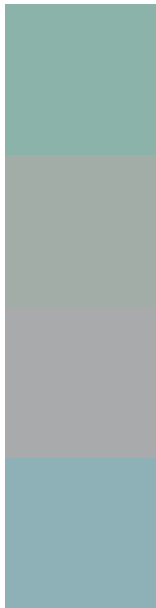
Protanopia
70, 3.317, 74.637

Deuteranopia
70, 9.123, 351.595



Tritanopia
70, 13.472, 233.549

Trichromacy



Original Color
70, 15.316, 179.327

Protanomaly
70, 5.308, 160.850

Deuteranomaly
70, 1.160, 271.521

Tritanomaly
70, 12.568, 213.730

Monochromacy



Original Color
70, 15.316, 179.327

Achromatopsia
68, 0.008, 296.813

Achromatomaly
69, 5.835, 182.561

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 15.316, 179.327 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(139, 179, 170)` looks like.

```
.text, #text, p{  
    color:rgb(139, 179, 170)  
}
```

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(139, 179, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 179, 170) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 15.316, 179.327 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(139, 179, 170) }
```

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

```
.border{ border-color:rgb(139, 179, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 179, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 179, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 179, 170);  
box-shadow:4px 4px 4px 4px rgb(139, 179,  
170) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 15.316, 179.327 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 179, 170) }
```

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

```
.background{ background-color: rgb(139,  
179, 170) }
```

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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