

Converting Colors

CIELCh(70, 8.354, 197.798)

Have a look what the booklet for
CIELCh(70, 8.354, 197.798) contains.

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Color

CIELCh(70, 8.388, 195.008)

Conversions

Conversions Part 1

Format	Color
Hex	99B0AF
RGB	153, 176, 175
RGB Percent	60%, 69%, 69%
CMY	0.4012, 0.3110, 0.3150
CMYK	0.13, 0.00, 0.01, 0.31
HSL	177°, 13%, 64%
HSV	177°, 13%, 69%
XYZ	36.2466, 40.7494, 46.3478
YIQ	169.0090, -13.3870, -5.1870

Conversions

Conversions Part 2

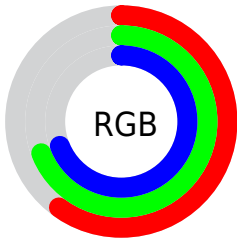
Format	Color
R _Y B	153, 165, 176
Decimal	10072239
CIE Lab	70.00, -8.10, -2.17
CIE LCh	70, 8.388, 195.008
Yxy	40.7494, 0.2939, 0.3304
Android (android.graphics.Color)	4288262319 (0xFF99B0AF)
YUV	169.0090, 2.9536, -14.0399
Hunter-Lab	63.8353, -10.3567, 1.6370

Details

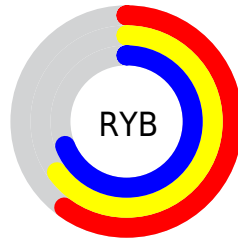
The CIELCh color **70, 8.388, 195.008** is a light color, and the websafe version is hex **999999**. A complement of this color would be **65, 9.050, 16.717**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **90, 8.434, 191.810**, and **50, 8.466, 194.561** is the 20% darker color. If you saturate the color by 10%, you get **69, 14.396, 194.348**, and if you desaturate by 10%, it is **71, 2.023, 195.827**.

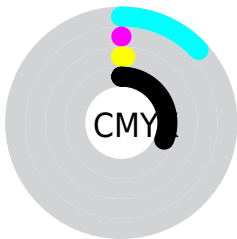
Distribution



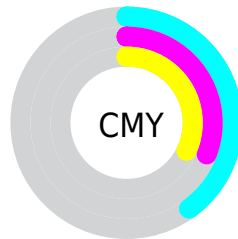
- Red (60%)
- Green (69%)
- Blue (69%)



- Red (60%)
- Yellow (65%)
- Blue (69%)



- Cyan (13%)
- Magenta (0%)
- Yellow (1%)
- Black (31%)



- Cyan (40%)
- Magenta (31%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 70, 8.388, 195.008 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, 8.388, 195.008 by changing the saturation by 10% instead.

■ 70, 8.388, 195.008

■ 70, 8.388, 195.008

■ 100, 8.388,
195.008

■ 60, 8.388, 195.008

■ 90, 8.388, 195.008

■ 50, 8.388, 195.008

■ 40, 8.388, 195.008

■ 30, 8.388, 195.008

■ 20, 8.388, 195.008

■ 10, 8.388, 195.008

■ 0, 8.388, 195.008

■ 70, 8.388, 195.008

■ 70, 8.388, 195.008

■ 69, 14.396,

■ 71, 2.023, 195.827

194.348

73, 4.608, 16.129

68, 19.940,
193.732

74, 11.419, 16.858

67, 24.915,
193.139

76, 18.341, 17.543

66, 29.223,
192.567

78, 25.317, 18.221

66, 32.785,
192.010

79, 31.039, 17.905

65, 35.550,
191.460

79, 31.017, 17.165

65, 37.513,
190.908

79, 31.000, 16.423

65, 38.720,
190.341

65, 39.267,
189.943

Harmonies

Complementary

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



70, 8.388, 195.008



65, 9.050, 16.717

Rectangle

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



70, 8.388, 195.008



70, 8.388, 245.008



70, 8.388, 15.008



70, 8.388, 65.008

Sweetspot

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



70, 8.389, 194.999



90, 3.249, 195.704



70, 15.163, 142.383



48, 2.303, 195.628



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, 8.389, 194.999



89, 12.640, 194.786



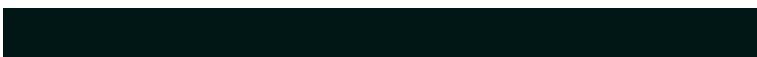
67, 7.236, 251.505



36, 3.622, 195.264



56, 35.013, 190.019



6, 7.844, 194.136

Inverse Universe

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



65, 9.050, 16.717



81, 13.906, 17.014



68, 7.551, 68.297



34, 3.820, 16.380



31, 68.406, 37.685



2, 7.817, 16.448

Previews

White Background



This preview shows how the CIELCh color 70, 8.388, 195.008 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, 8.388, 195.008 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

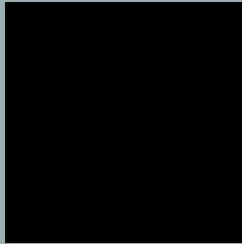
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

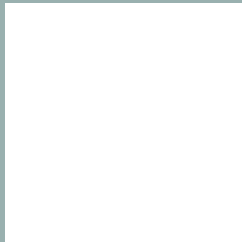
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 70, 8.388, 195.008

Background



This preview shows how black text looks on a background with the CIELCh color 70, 8.388, 195.008.

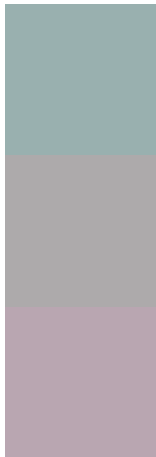


This preview shows how white text looks on a background with the CIELCh color 70, 8.388, 195.008.

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, 8.388, 195.008

Protanopia

70, 1.267, 353.517

Deuteranopia

70, 9.383, 340.380



Tritanopia
70, 10.037, 249.048

Trichromacy



Original Color
70, 8.388, 195.008

Protanomaly
70, 2.236, 199.435

Deuteranomaly
70, 3.491, 309.184

Tritanomaly
70, 8.575, 229.734

Monochromacy



Original Color
70, 8.388, 195.008

Achromatopsia
69, 0.009, 296.813

Achromatomaly
69, 2.976, 199.316

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 8.388, 195.008 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(153, 176, 175)` looks like.

```
.text, #text, p{  
    color:rgb(153, 176, 175)  
}
```

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(153, 176, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 176, 175) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 8.388, 195.008 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(153, 176, 175) }
```

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

```
.border{ border-color:rgb(153, 176, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 176, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 176, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 176, 175);  
box-shadow:4px 4px 4px 4px rgb(153, 176,  
175) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 8.388, 195.008 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 176, 175) }
```

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

```
.background{ background-color: rgb(153,  
176, 175) }
```

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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