

Converting Colors

CIELCh(70, 10.533, 192.783)

Have a look what the booklet for
CIELCh(70, 10.533, 192.783)
contains.

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Color

CIELCh(70, 10.539, 192.586)

Conversions

Conversions Part 1

Format	Color
Hex	94B1AF
RGB	148, 177, 175
RGB Percent	58%, 69%, 69%
CMY	0.4202, 0.3065, 0.3144
CMYK	0.16, 0.00, 0.01, 0.31
HSL	176°, 16%, 64%
HSV	176°, 16%, 69%
XYZ	35.5956, 40.7494, 46.4629
YIQ	168.1010, -16.6420, -6.7700

Conversions

Conversions Part 2

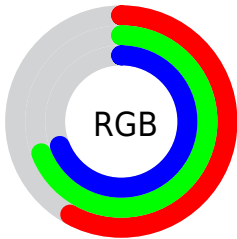
Format	Color
RYB	148, 163, 177
Decimal	9744815
CIELab	70.00, -10.29, -2.30
CIElCh	70, 10.539, 192.586
Yxy	40.7494, 0.2898, 0.3318
Android (android.graphics.Color)	4287934895 (0xFF94B1AF)
YUV	168.1010, 3.4012, -17.6286
Hunter-Lab	63.8353, -12.1770, 1.5301

Details

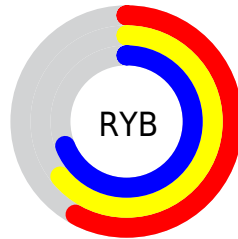
The CIELCh color **70, 10.539, 192.586** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **64, 11.545, 15.004**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **90, 10.857, 190.443**, and **50, 10.256, 195.051** is the 20% darker color. If you saturate the color by 10%, you get **69, 16.500, 191.867**, and if you desaturate by 10%, it is **71, 4.203, 193.349**.

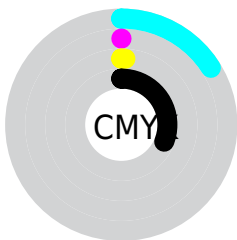
Distribution



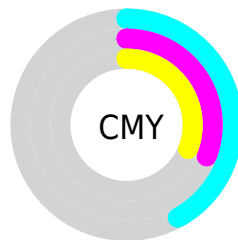
- Red (58%)
- Green (69%)
- Blue (69%)



- Red (58%)
- Yellow (64%)
- Blue (69%)



- Cyan (16%)
- Magenta (0%)
- Yellow (1%)
- Black (31%)





- Cyan (42%)
- Magenta (31%)
- Yellow (31%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 10.539, 192.586 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, 10.539, 192.586 by changing the saturation by 10% instead.


 70, 10.539,
192.586


 70, 10.539,
192.586


 100, 10.539,
192.586


 60, 10.539,
192.586


 90, 10.539,
192.586

 50, 10.539,
192.586

 40, 10.539,
192.586

 30, 10.539,
192.586

 20, 10.539,
192.586

 10, 10.539,
192.586

 0, 10.539, 192.586

70, 10.539,
192.586

70, 10.539,
192.586

69, 16.500,
191.867

71, 4.203, 193.349

68, 21.978,
191.167

73, 2.411, 13.729

74, 9.215, 14.584

67, 26.867,
190.470

76, 16.135, 15.311

66, 31.070,
189.770

78, 23.111, 16.019

80, 30.097, 16.717

66, 34.511,
189.055

80, 30.495, 15.629

65, 37.149,
188.314

80, 30.491, 14.426

80, 30.502, 13.224

65, 38.992,
187.531

65, 40.117,

186.696

■ 65, 40.448,
186.392

Harmonies

Complementary

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



70, 10.539, 192.586



64, 11.545, 15.004

Rectangle

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



70, 10.539, 192.586



70, 10.539, 242.586



70, 10.539, 12.586



70, 10.539, 62.586

Sweetspot

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



70, 10.540, 192.579



90, 4.070, 193.471



69, 18.919, 141.291



48, 2.771, 193.406



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, 10.540, 192.579



88, 15.728, 192.295



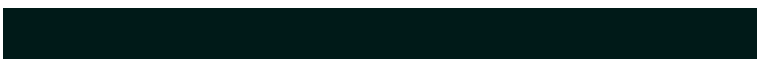
67, 8.896, 247.941



37, 3.728, 193.107



57, 36.324, 186.499



7, 9.277, 190.870

Inverse Universe

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



64, 11.545, 15.004



79, 17.639, 15.415



67, 9.482, 64.142



35, 3.921, 14.327



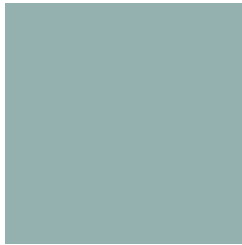
31, 68.411, 36.689



2, 9.193, 14.976

Previews

White Background



This preview shows how the CIELCh color 70, 10.539, 192.586 looks on a white background.

Color Contrast Check

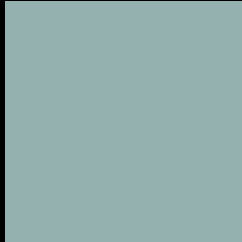
Large Text (above 18pt) WCAG AA × Fail

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, 10.539, 192.586 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

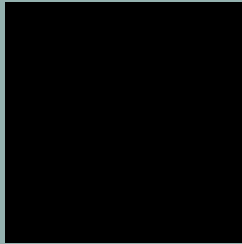
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

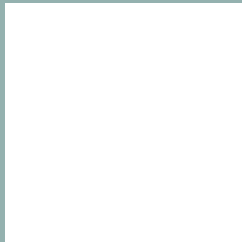
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 70, 10.539, 192.586

Background



This preview shows how black text looks on a background with the CIELCh color 70, 10.539, 192.586.



This preview shows how white text looks on a background with the CIELCh color 70, 10.539, 192.586.

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, 11.432, 241.187

Trichromacy



Original Color
70, 10.539, 192.586

Protanomaly
70, 2.973, 199.318

Deuteranomaly
70, 3.319, 296.949

Tritanomaly
70, 10.370, 223.830

Monochromacy



Original Color
70, 10.539, 192.586

Achromatopsia
69, 0.009, 296.813

Achromatomaly
69, 3.769, 190.832

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 10.539, 192.586 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(148, 177, 175)` looks like.

```
.text, #text, p{  
    color:rgb(148, 177, 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(148, 177, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 177, 175) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 10.539, 192.586 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(148, 177, 175) }
```

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

```
.border{ border-color:rgb(148, 177, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 177, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 177, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 177, 175);  
box-shadow:4px 4px 4px 4px rgb(148, 177,  
175) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 10.539, 192.586 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 177, 175) }
```

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

```
.background{ background-color: rgb(148,  
177, 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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