

Converting Colors

CIELCh(70, 10.398, 204.489)

Have a look what the booklet for
CIELCh(70, 10.398, 204.489)
contains.

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Color

CIELCh(70, 10.376, 201.640)

Conversions

Conversions Part 1

Format	Color
Hex	94B1B2
RGB	148, 177, 178
RGB Percent	58%, 69%, 70%
CMY	0.4211, 0.3074, 0.3035
CMYK	0.17, 0.01, 0.00, 0.30
HSL	182°, 16%, 64%
HSV	182°, 17%, 70%
XYZ	35.7859, 40.7494, 47.8936
YIQ	168.4430, -17.6050, -5.8370

Conversions

Conversions Part 2

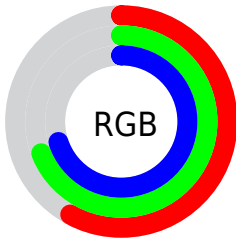
Format	Color
RYB	148, 163, 178
Decimal	9744818
CIELab	70.00, -9.64, -3.83
CIELCh	70, 10.376, 201.640
Yxy	40.7494, 0.2876, 0.3275
Android (android.graphics.Color)	4287934898 (0xFF94B1B2)
YUV	168.4430, 4.7116, -17.9285
Hunter-Lab	63.8353, -11.6450, 0.2013

Details

The CIELCh color **70, 10.376, 201.640** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **64, 11.581, 23.197**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **90, 10.628, 201.563**, and **50, 10.149, 201.692** is the 20% darker color. If you saturate the color by 10%, you get **69, 15.982, 201.284**, and if you desaturate by 10%, it is **71, 4.347, 202.091**.

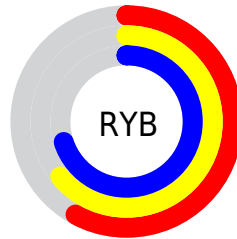
Distribution



Red (58%)

Green (69%)

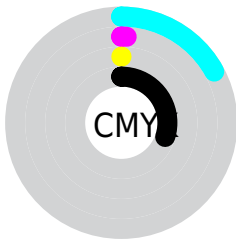
Blue (70%)



Red (58%)

Yellow (64%)

Blue (70%)

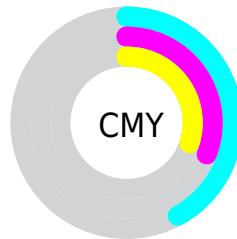


Cyan (17%)

Magenta (1%)

Yellow (0%)

Black (30%)



Cyan (42%)


Magenta (31%)


Yellow (30%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 10.376, 201.640 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, 10.376, 201.640 by changing the saturation by 10% instead.


 70, 10.376,
201.640


 70, 10.376,
201.640


 100, 10.376,
201.640


 60, 10.376,
201.640


 90, 10.376,
201.640

 50, 10.376,
201.640

 40, 10.376,
201.640

 30, 10.376,
201.640

 20, 10.376,
201.640

 10, 10.376,
201.640

 0, 10.376, 201.640

70, 10.376,
201.640

70, 10.376,
201.640

69, 15.982,
201.284

71, 4.347, 202.091

68, 21.062,
201.017

73, 2.011, 22.161

75, 8.612, 22.831

67, 25.516,
200.838

76, 15.381, 23.361

66, 29.255,
200.759

78, 22.259, 23.895

80, 29.194, 24.435

65, 32.213,
200.789

80, 29.320, 25.022

65, 34.360,
200.940

81, 29.121, 25.619

81, 28.925, 26.224

64, 35.710,
201.216

64, 36.356,

201.617

■ 64, 36.501,
201.751

Harmonies

Complementary

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



70, 10.376, 201.640



64, 11.581, 23.197

Rectangle

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



70, 10.376, 201.640



70, 10.376, 251.640



70, 10.376, 21.640



70, 10.376, 71.640

Sweetspot

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



70, 10.377, 201.632



91, 3.940, 202.208



70, 19.868, 143.850



49, 2.705, 202.159



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, 10.377, 201.632



88, 15.112, 201.502



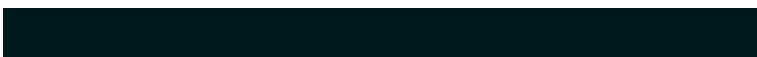
66, 9.904, 259.569



37, 3.569, 201.961



56, 32.716, 201.685



7, 8.689, 203.580

Inverse Universe

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



65, 19.664, 326.256



81, 28.970, 326.449



68, 10.292, 75.098



35, 6.600, 325.829



36, 76.926, 329.579



3, 15.708, 325.826

Previews

White Background



This preview shows how the CIELCh color 70, 10.376, 201.640 looks on a white background.

Color Contrast Check

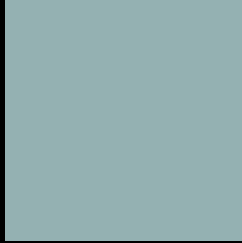
Large Text (above 18pt) WCAG AA × Fail

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, 10.376, 201.640 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

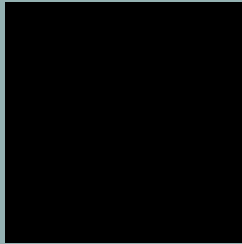
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

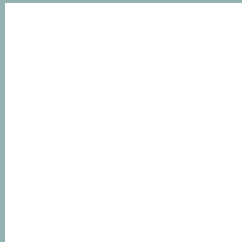
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 70, 10.376, 201.640

Background



This preview shows how black text looks on a background with the CIELCh color 70, 10.376, 201.640.

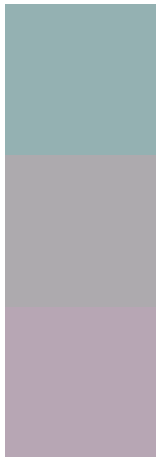


This preview shows how white text looks on a background with the CIELCh color 70, 10.376, 201.640.

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, 10.376, 201.640

Protanopia

70, 2.481, 317.320

Deuteranopia

70, 10.000, 330.252



Tritanopia
70, 11.432, 241.187

Trichromacy



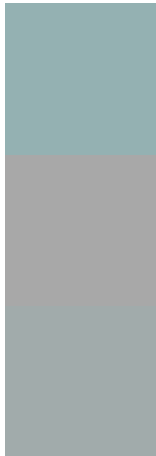
Original Color
70, 10.376, 201.640

Protanomaly
70, 3.354, 228.702

Deuteranomaly
70, 4.936, 290.682

Tritanomaly
70, 10.574, 226.644

Monochromacy



Original Color
70, 10.376, 201.640

Achromatopsia
69, 0.009, 296.813

Achromatomaly
69, 3.711, 199.220

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 10.376, 201.640 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, 178)` looks like.

```
.text, #text, p{  
    color:rgb(148, 177, 178)  
}
```

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, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 177, 178) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 10.376, 201.640 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, 178) }
```

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

```
.border{ border-color:rgb(148, 177, 178) }
```

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, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 177, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 177, 178);  
box-shadow:4px 4px 4px 4px rgb(148, 177,  
178) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 10.376, 201.640 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, 178) }
```

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

```
.background{ background-color: rgb(148,  
177, 178) }
```

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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