

Converting Colors

CIELCh(70, 12.249, 203.610)

Have a look what the booklet for
CIELCh(70, 12.249, 203.610)
contains.

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Color

CIELCh(70, 12.370, 203.550)

Conversions

Conversions Part 1

Format	Color
Hex	8FB2B4
RGB	143, 178, 180
RGB Percent	56%, 70%, 71%
CMY	0.4409, 0.3036, 0.2958
CMYK	0.21, 0.01, 0.00, 0.30
HSL	183°, 20%, 63%
HSV	183°, 21%, 70%
XYZ	35.2843, 40.7494, 48.9555
YIQ	167.7630, -21.5020, -6.7980

Conversions

Conversions Part 2

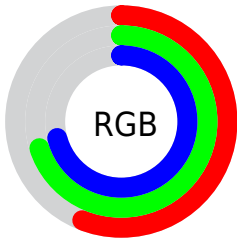
Format	Color
RYB	143, 161, 180
Decimal	9417396
CIELab	70.00, -11.34, -4.94
CIELCh	70, 12.370, 203.550
Yxy	40.7494, 0.2823, 0.3260
Android (android.graphics.Color)	4287607476 (0xFF8FB2B4)
YUV	167.7630, 6.0328, -21.7172
Hunter-Lab	63.8353, -13.0477, -0.7851

Details

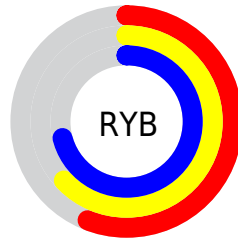
The CIELCh color **70, 12.370, 203.550** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **63, 14.191, 25.206**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **90, 12.574, 203.383**, and **50, 12.172, 203.724** is the 20% darker color. If you saturate the color by 10%, you get **69, 17.727, 203.324**, and if you desaturate by 10%, it is **71, 6.555, 203.865**.

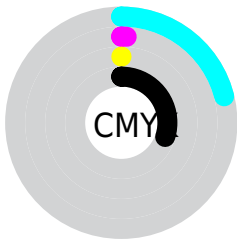
Distribution



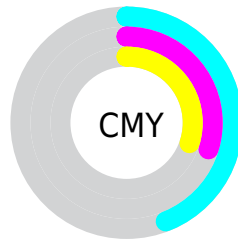
- Red (56%)
- Green (70%)
- Blue (71%)



- Red (56%)
- Yellow (63%)
- Blue (71%)



- Cyan (21%)
- Magenta (1%)
- Yellow (0%)
- Black (30%)





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


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 12.370, 203.550 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, 12.370, 203.550 by changing the saturation by 10% instead.


 70, 12.370,
203.550


 70, 12.370,
203.550


 100, 12.370,
203.550


 60, 12.370,
203.550


 90, 12.370,
203.550

 50, 12.370,
203.550

 40, 12.370,
203.550

 30, 12.370,
203.550

 20, 12.370,
203.550

 10, 12.370,
203.550

 0, 12.370, 203.550

70, 12.370,
203.550

70, 12.370,
203.550

69, 17.727,
203.324

71, 6.555, 203.865

67, 22.525,
203.204

73, 0.378, 205.490

75, 6.072, 24.445

66, 26.664,
203.198

77, 12.719, 24.921

66, 30.063,
203.324

79, 19.498, 25.394

81, 26.358, 25.877

65, 32.665,
203.599

81, 27.919, 26.771

64, 34.452,
204.041

81, 27.611, 27.830

82, 27.313, 28.912

64, 35.458,
204.661

63, 35.874,

Harmonies

Complementary

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



70, 12.370, 203.550



63, 14.191, 25.206

Rectangle

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



70, 12.370, 203.550



70, 12.370, 253.550



70, 12.370, 23.550



70, 12.370, 73.550

Sweetspot

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



70, 12.371, 203.544



92, 4.665, 204.070



70, 23.925, 144.483



49, 3.087, 204.036



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, 12.371, 203.544



88, 18.353, 203.425



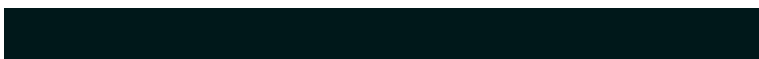
65, 12.577, 263.632



37, 3.498, 203.917



55, 31.903, 205.261



7, 8.444, 206.523

Inverse Universe

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



64, 23.884, 327.058



79, 36.027, 327.330



68, 13.055, 78.015



35, 6.507, 326.415



36, 75.701, 330.468



3, 15.376, 326.718

Previews

White Background



This preview shows how the CIELCh color 70, 12.370, 203.550 looks on a white background.

Color Contrast Check

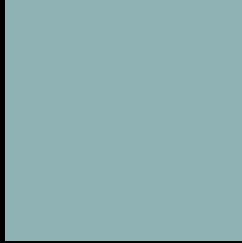
Large Text (above 18pt) WCAG AA × Fail

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, 12.370, 203.550 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

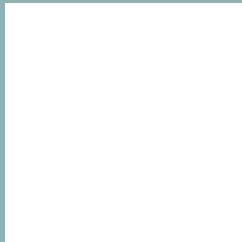
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 70, 12.370, 203.550

Background



This preview shows how black text looks on a background with the CIELCh color 70, 12.370, 203.550.



This preview shows how white text looks on a background with the CIELCh color 70, 12.370, 203.550.

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, 12.948, 235.212

Trichromacy



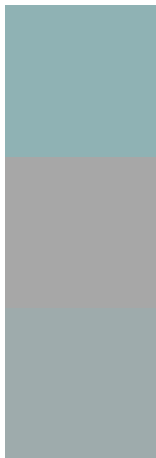
Original Color
70, 12.370, 203.550

Protanomaly
70, 4.866, 225.978

Deuteranomaly
70, 6.064, 283.865

Tritanomaly
70, 12.353, 222.215

Monochromacy



Original Color
70, 12.370, 203.550

Achromatopsia
68, 0.008, 296.813

Achromatomaly
69, 4.813, 205.666

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 12.370, 203.550 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(143, 178, 180)` looks like.

```
.text, #text, p{  
    color:rgb(143, 178, 180)  
}
```

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(143, 178, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 178, 180) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 12.370, 203.550 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(143, 178, 180) }
```

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

```
.border{ border-color:rgb(143, 178, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 178, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 178, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 178, 180);  
box-shadow:4px 4px 4px 4px rgb(143, 178,  
180) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 12.370, 203.550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 178, 180) }
```

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

```
.background{ background-color: rgb(143,  
178, 180) }
```

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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