

Converting Colors

CIELCh(70, 6.667, 223.118)

Have a look what the booklet for
CIELCh(70, 6.667, 223.118) contains.

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Color

CIELCh(70, 6.676, 223.289)

Conversions

Conversions Part 1

Format	Color
Hex	9DAEB3
RGB	157, 174, 179
RGB Percent	62%, 68%, 70%
CMY	0.3839, 0.3172, 0.2976
CMYK	0.12, 0.03, 0.00, 0.30
HSL	194°, 13%, 66%
HSV	194°, 12%, 70%
XYZ	37.2278, 40.7494, 48.6067
YIQ	169.4870, -11.7370, -2.0490

Conversions

Conversions Part 2

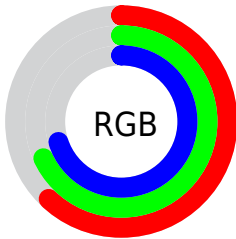
Format	Color
R _Y B	157, 167, 179
Decimal	10333875
CIE Lab	70.00, -4.86, -4.58
CIE LCh	70, 6.676, 223.289
Yxy	40.7494, 0.2941, 0.3219
Android (android.graphics.Color)	4288523955 (0xFF9DAEB3)
YUV	169.4870, 4.6899, -10.9511
Hunter-Lab	63.8353, -7.6132, -0.4610

Details

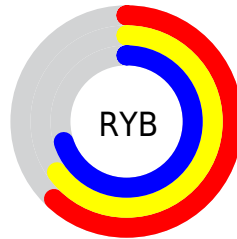
The CIELCh color **70, 6.676, 223.289** is a light color, and the websafe version is hex **999999**. A complement of this color would be **68, 7.195, 42.232**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **90, 6.600, 227.397**, and **50, 6.495, 220.034** is the 20% darker color. If you saturate the color by 10%, you get **68, 11.778, 223.864**, and if you desaturate by 10%, it is **72, 1.272, 223.138**.

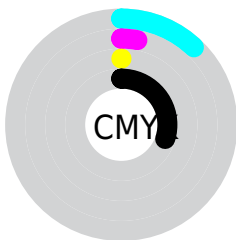
Distribution



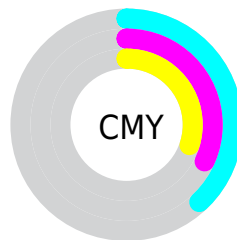
- Red (62%)
- Green (68%)
- Blue (70%)



- Red (62%)
- Yellow (65%)
- Blue (70%)



- Cyan (12%)
- Magenta (3%)
- Yellow (0%)
- Black (30%)



- Cyan (38%)
- Magenta (32%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 70, 6.676, 223.289 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, 6.676, 223.289 by changing the saturation by 10% instead.

■ 70, 6.676, 223.289

■ 70, 6.676, 223.289

■ 100, 6.676,
223.289

■ 60, 6.676, 223.289

■ 90, 6.676, 223.289

■ 50, 6.676, 223.289

■ 40, 6.676, 223.289

■ 30, 6.676, 223.289

■ 20, 6.676, 223.289

■ 10, 6.676, 223.289

■ 0, 6.676, 223.289

■ 70, 6.676, 223.289

■ 70, 6.676, 223.289

■ 68, 11.778,

■ 72, 1.272, 223.138

223.864

75, 4.367, 42.322

65, 16.504,
224.692

77, 10.183, 42.176

63, 20.775,
225.802

80, 16.130, 42.063

61, 24.516,
227.261

83, 22.168, 42.002

59, 27.664,
229.146

86, 24.244, 50.802

58, 30.185,
231.546

86, 24.080, 56.751

56, 32.091,
234.544

87, 24.185, 62.709

55, 33.455,
238.198

54, 34.306,
241.329

Harmonies

Complementary

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



70, 6.676, 223.289



68, 7.195, 42.232

Rectangle

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



70, 6.676, 223.289



70, 6.676, 273.289



70, 6.676, 43.289



70, 6.676, 93.289

Sweetspot

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



70, 6.676, 223.275



91, 2.737, 223.039



71, 12.608, 150.325



48, 1.957, 223.036



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, 6.676, 223.275



88, 9.984, 223.425



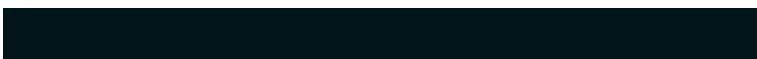
67, 8.951, 276.512



37, 3.092, 223.148



46, 30.474, 240.736



5, 7.480, 233.496

Inverse Universe

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



67, 12.560, 332.250



83, 18.960, 332.448



71, 8.907, 93.428



35, 5.763, 332.051



34, 66.413, 339.646



2, 12.998, 334.952

Previews

White Background



This preview shows how the CIELCh color 70, 6.676, 223.289 looks on a white background.

Color Contrast Check

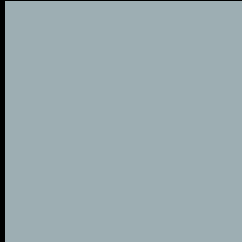
Large Text (above 18pt) WCAG AA × Fail

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, 6.676, 223.289 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

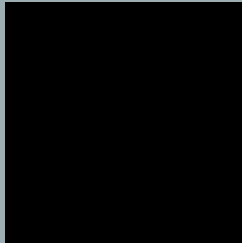
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

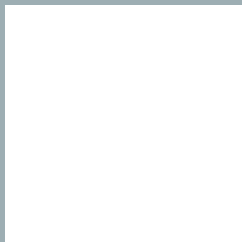
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 70, 6.676, 223.289

Background



This preview shows how black text looks on a background with the CIELCh color 70, 6.676, 223.289.



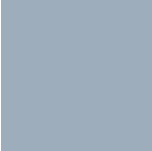
This preview shows how white text looks on a background with the CIELCh color 70, 6.676, 223.289.

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, 9.221, 255.642

Trichromacy



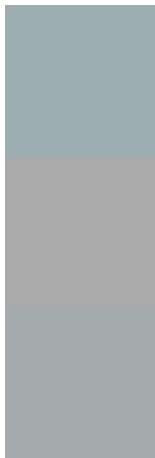
Original Color
70, 6.676, 223.289

Protanomaly
70, 4.086, 269.470

Deuteranomaly
70, 6.335, 307.729

Tritanomaly
70, 7.969, 248.424

Monochromacy



Original Color
70, 6.676, 223.289

Achromatopsia
70, 0.009, 296.813

Achromatomaly
70, 2.468, 225.828

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 6.676, 223.289 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(157, 174, 179)` looks like.

```
.text, #text, p{  
    color:rgb(157, 174, 179)  
}
```

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(157, 174, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 174, 179) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 6.676, 223.289 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(157, 174, 179) }
```

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

```
.border{ border-color:rgb(157, 174, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 174, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 174, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 174, 179);  
box-shadow:4px 4px 4px 4px rgb(157, 174,  
179) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 6.676, 223.289 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 174, 179) }
```

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

```
.background{ background-color: rgb(157,  
174, 179) }
```

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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