

Converting Colors

CIELCh(68, 19.447, 224.019)

Have a look what the booklet for
CIELCh(68, 19.447, 224.019)
contains.

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Color

CIELCh(68, 19.488, 223.399)

Conversions

Conversions Part 1

Format	Color
Hex	77AEBD
RGB	119, 174, 189
RGB Percent	47%, 68%, 74%
CMY	0.5325, 0.3168, 0.2580
CMYK	0.37, 0.08, 0.00, 0.26
HSL	193°, 35%, 60%
HSV	193°, 37%, 74%
XYZ	32.0204, 37.9720, 53.9054
YIQ	159.2650, -37.5950, -6.9950

Conversions

Conversions Part 2

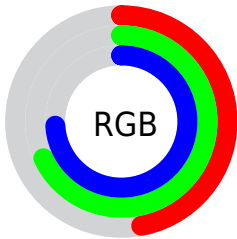
Format	Color
R _{YB}	119, 150, 189
Decimal	7843517
CIE _{Lab}	68.00, -14.16, -13.39
CIE _{LCh}	68, 19.488, 223.399
Y _{xy}	37.9720, 0.2584, 0.3065
Android (android.graphics.Color)	4286033597 (0xFF77AEBD)
YUV	159.2650, 14.6594, -35.3124
Hunter-Lab	61.6215, -15.0836, -8.7308

Details

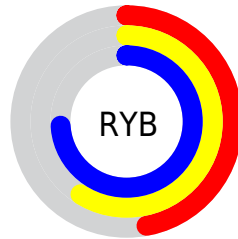
The CIELCh color **68, 19.488, 223.399** is a light color, and the websafe version is hex **669999**. A complement of this color would be **61, 25.248, 40.732**, and the grayscale version is **66, 0.008, 296.813**.

A 20% lighter version of the original color is **88, 19.401, 222.308**, and **48, 19.585, 222.878** is the 20% darker color. If you saturate the color by 10%, you get **66, 23.685, 224.569**, and if you desaturate by 10%, it is **70, 14.760, 222.522**.

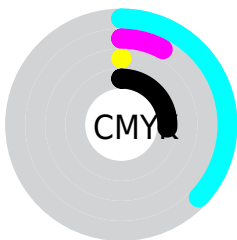
Distribution



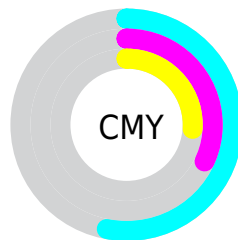
- Red (47%)
- Green (68%)
- Blue (74%)



- Red (47%)
- Yellow (59%)
- Blue (74%)



- Cyan (37%)
- Magenta (8%)
- Yellow (0%)
- Black (26%)



- Cyan (53%)
- Magenta (32%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 68, 19.488, 223.399 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 68, 19.488, 223.399 by changing the saturation by 10% instead.

■ 68, 19.488,
223.399

■ 68, 19.488,
223.399

■ 100, 19.488,
223.399

■ 58, 19.488,
223.399

■ 88, 19.488,
223.399

■ 48, 19.488,
223.399

■ 98, 19.488,
223.399

■ 38, 19.488,
223.399

■ 28, 19.488,
223.399

■ 18, 19.488,
223.399

■ 8, 19.488, 223.399

■ 0, 19.488, 223.399

68, 19.488,
223.399

68, 19.488,
223.399

66, 23.685,
224.569

70, 14.760,
222.522

64, 27.273,
226.113

73, 9.586, 221.895

75, 4.050, 221.507

62, 30.197,
228.109

77, 1.772, 40.771

60, 32.437,
230.643

80, 7.813, 40.792

59, 34.033,
233.793

83, 14.017, 40.703

85, 20.336, 40.664

58, 35.109,
237.574

87, 20.964, 46.093

57, 35.411,
238.748

88, 20.632, 52.958

Harmonies

Complementary

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



68, 19.488, 223.399



61, 25.248, 40.732

Rectangle

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



68, 19.488, 223.399



68, 19.488, 273.399



68, 19.488, 43.399



68, 19.488, 93.399

Sweetspot

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



68, 19.488, 223.396



93, 7.768, 221.633



71, 40.150, 147.578



49, 5.199, 221.687



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



68, 19.488, 223.396



84, 27.632, 224.270



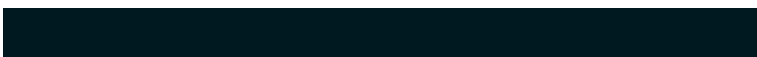
58, 28.348, 279.586



39, 3.254, 221.570



48, 30.944, 238.126



7, 9.474, 231.164

Inverse Universe

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



59, 39.901, 333.464



71, 57.964, 334.019



70, 28.123, 89.011



37, 6.090, 331.586



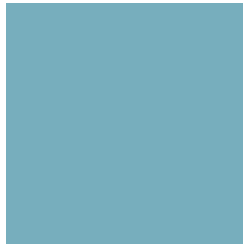
35, 68.633, 338.882



3, 17.384, 334.983

Previews

White Background



This preview shows how the CIELCh color 68, 19.488, 223.399 looks on a white background.

Color Contrast Check

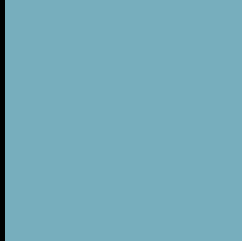
Large Text (above 18pt) WCAG AA × Fail

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 68, 19.488, 223.399 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

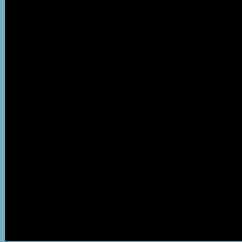
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

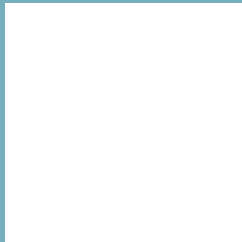
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 68, 19.488, 223.399

Background



This preview shows how black text looks on a background with the CIELCh color 68, 19.488, 223.399.



This preview shows how white text looks on a background with the CIELCh color 68, 19.488, 223.399.

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
68, 19.334, 221.791

Trichromacy



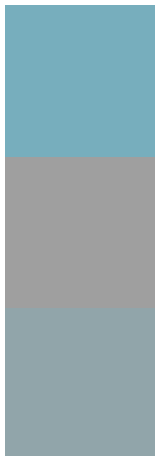
Original Color
68, 19.488, 223.399

Protanomaly
68, 11.731, 252.303

Deuteranomaly
68, 14.700, 269.449

Tritanomaly
68, 19.334, 221.791

Monochromacy



Original Color
68, 19.488, 223.399

Achromatopsia
65, 0.008, 296.813

Achromatomaly
66, 7.704, 220.004

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 19.488, 223.399 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(119, 174, 189)` looks like.

```
.text, #text, p{  
    color:rgb(119, 174, 189)  
}
```

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(119, 174, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 174, 189) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 19.488, 223.399 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(119, 174, 189) }
```

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

```
.border{ border-color:rgb(119, 174, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 174, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 174, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 174, 189);  
box-shadow:4px 4px 4px 4px rgb(119, 174,  
189) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 19.488, 223.399 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 174, 189) }
```

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

```
.background{ background-color: rgb(119,  
174, 189) }
```

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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