

Converting Colors

CIELCh(67, 19.323, 199.483)

Have a look what the booklet for
CIELCh(67, 19.323, 199.483)
contains.

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Color

CIELCh(67, 19.323, 199.483)

Conversions

Conversions Part 1

Format	Color
Hex	74ADAE
RGB	116, 173, 174
RGB Percent	45%, 68%, 68%
CMY	0.5453, 0.3217, 0.3178
CMYK	0.33, 0.01, 0.00, 0.32
HSL	181°, 26%, 57%
HSV	181°, 33%, 68%
XYZ	29.7652, 36.6320, 45.5212
YIQ	156.0710, -34.2930, -11.7730

Conversions

Conversions Part 2

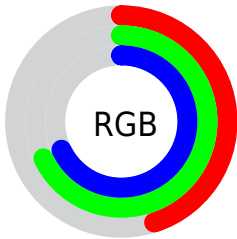
Format	Color
R _{YB}	116, 145, 174
Decimal	7646638
CIE _{Lab}	67.00, -18.22, -6.44
CIE _{LCh}	67, 19.323, 199.483
Yxy	36.6320, 0.2660, 0.3273
Android (android.graphics.Color)	4285836718 (0xFF74ADAE)
YUV	156.0710, 8.8390, -35.1423
Hunter-Lab	60.5244, -18.1333, -2.2258

Details

The CIELCh color **67, 19.323, 199.483** is a light color, and the websafe version is hex **669999**. A complement of this color would be **55, 24.313, 23.515**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **87, 19.537, 198.113**, and **47, 19.096, 200.984** is the 20% darker color. If you saturate the color by 10%, you get **66, 24.017, 199.181**, and if you desaturate by 10%, it is **68, 14.043, 199.850**.

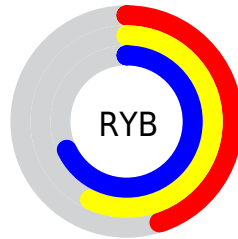
Distribution



Red (45%)

Green (68%)

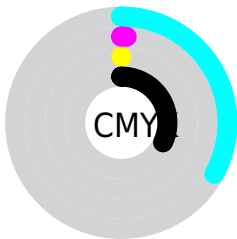
Blue (68%)



Red (45%)

Yellow (57%)

Blue (68%)

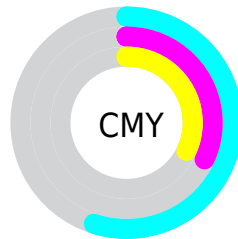


Cyan (33%)

Magenta (1%)

Yellow (0%)

Black (32%)



Cyan (55%)

Magenta (32%)

Yellow (32%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 19.323, 199.483 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 67, 19.323, 199.483 by changing the saturation by 10% instead.

 67, 19.323,
199.483

 67, 19.323,
199.483

 100, 19.323,
199.483

 57, 19.323,
199.483

 87, 19.323,
199.483

 47, 19.323,
199.483

 97, 19.323,
199.483

 37, 19.323,
199.483

 27, 19.323,
199.483

 17, 19.323,
199.483

 7, 19.323, 199.483

 0, 19.323, 199.483

67, 19.323,
199.483

67, 19.323,
199.483

66, 24.017,
199.181

68, 14.043,
199.850

65, 28.031,
198.960

69, 8.277, 200.294

71, 2.125, 200.935

65, 31.293,
198.824

72, 4.321, 21.089

64, 33.761,
198.778

74, 10.978, 21.693

64, 35.433,
198.825

75, 17.776, 22.266

77, 24.659, 22.843

64, 36.362,
198.963

79, 31.533, 23.423

63, 36.720,
199.088

79, 31.427, 23.695

Harmonies

Complementary

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



67, 19.323, 199.483



55, 24.313, 23.515

Rectangle

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



67, 19.323, 199.483



67, 19.323, 249.483



67, 19.323, 19.483



67, 19.323, 69.483

Sweetspot

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



67, 19.323, 199.480



89, 7.767, 200.455



66, 38.540, 142.520



47, 5.323, 200.383



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



67, 19.323, 199.480



84, 27.865, 199.252



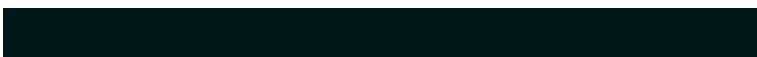
59, 19.081, 262.548



36, 3.541, 200.502



55, 33.008, 199.056



6, 7.604, 201.597

Inverse Universe

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



57, 38.505, 326.694



69, 56.944, 327.070



62, 20.716, 73.036



34, 6.514, 325.385



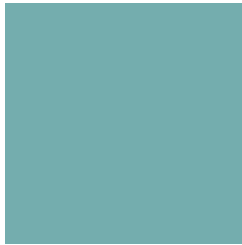
35, 76.935, 328.916



2, 13.619, 325.122

Previews

White Background



This preview shows how the CIELCh color 67, 19.323, 199.483 looks on a white background.

Color Contrast Check

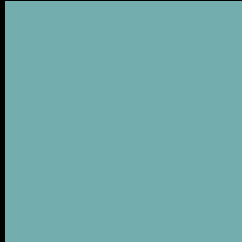
Large Text (above 18pt) WCAG AA × Fail

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 67, 19.323, 199.483 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

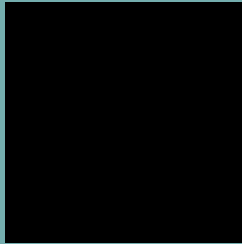
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 19.323, 199.483

Background



This preview shows how black text looks on a background with the CIELCh color 67, 19.323, 199.483.

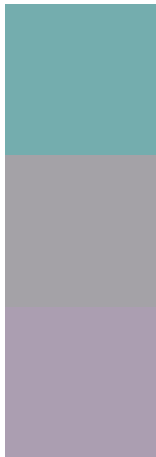


This preview shows how white text looks on a background with the CIELCh color 67, 19.323, 199.483.

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
67, 19.323, 199.483

Protanopia
67, 2.880, 305.619

Deuteranopia
67, 11.624, 315.660



Tritanopia
67, 18.567, 222.960

Trichromacy



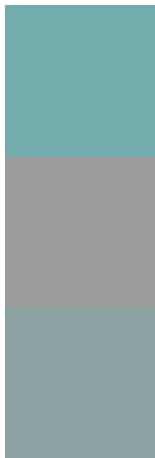
Original Color
67, 19.323, 199.483

Protanomaly
67, 7.214, 216.810

Deuteranomaly
66, 8.304, 259.513

Tritanomaly
67, 18.517, 213.712

Monochromacy



Original Color
67, 19.323, 199.483

Achromatopsia
64, 0.008, 296.813

Achromatomaly
65, 7.719, 202.933

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 19.323, 199.483 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(116, 173, 174)` looks like.

```
.text, #text, p{  
    color:rgb(116, 173, 174)  
}
```

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(116, 173, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 173, 174) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 19.323, 199.483 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(116, 173, 174) }
```

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

```
.border{ border-color:rgb(116, 173, 174) }
```

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

Here you see how a box with a 4 pixel rgb(116, 173, 174) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 173, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 173, 174);  
box-shadow:4px 4px 4px 4px rgb(116, 173,  
174) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 19.323, 199.483 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 173, 174) }
```

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

```
.background{ background-color: rgb(116,  
173, 174) }
```

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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