

Converting Colors

CIELCh(67, 15.691, 191.983)

Have a look what the booklet for
CIELCh(67, 15.691, 191.983)
contains.

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Color

CIELCh(67, 15.681, 191.993)

Conversions

Conversions Part 1

Format	Color
Hex	7FABA8
RGB	127, 171, 168
RGB Percent	50%, 67%, 66%
CMY	0.5007, 0.3281, 0.3398
CMYK	0.26, 0.00, 0.02, 0.33
HSL	176°, 21%, 59%
HSV	176°, 26%, 67%
XYZ	30.5285, 36.6320, 42.6730
YIQ	157.5020, -25.2610, -10.2610

Conversions

Conversions Part 2

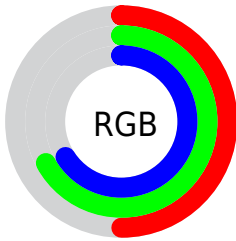
Format	Color
RYB	127, 150, 171
Decimal	8367016
CIELab	67.00, -15.34, -3.26
CIElCh	67, 15.681, 191.993
Yxy	36.6320, 0.2780, 0.3335
Android (android.graphics.Color)	4286557096 (0xFF7FABA8)
YUV	157.5020, 5.1755, -26.7503
Hunter-Lab	60.5244, -15.8822, 0.5643

Details

The CIELCh color **67, 15.681, 191.993** is a light color, and the websafe version is hex **669999**. A complement of this color would be **58, 18.177, 16.079**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **87, 15.458, 192.509**, and **47, 15.877, 191.205** is the 20% darker color. If you saturate the color by 10%, you get **66, 21.059, 191.293**, and if you desaturate by 10%, it is **68, 9.843, 192.699**.

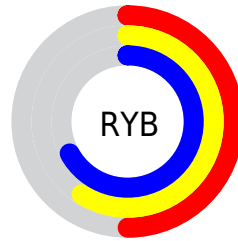
Distribution



Red (50%)

Green (67%)

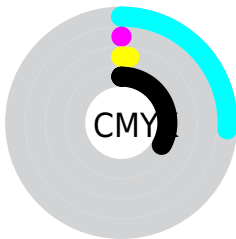
Blue (66%)



Red (50%)

Yellow (59%)

Blue (67%)

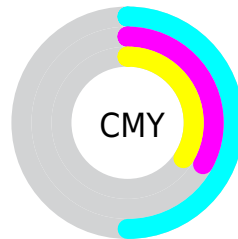


Cyan (26%)

Magenta (0%)

Yellow (2%)

Black (33%)



Cyan (50%)


Magenta (33%)


Yellow (34%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 67, 15.681, 191.993 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, 15.681, 191.993 by changing the saturation by 10% instead.


 67, 15.681,
191.993


 67, 15.681,
191.993


 100, 15.681,
191.993


 57, 15.681,
191.993


 87, 15.681,
191.993

 47, 15.681,
191.993

 97, 15.681,
191.993

 37, 15.681,
191.993

 27, 15.681,
191.993

 17, 15.681,
191.993

 7, 15.681, 191.993

 0, 15.681, 191.993

67, 15.681,
191.993

67, 15.681,
191.993

66, 21.059,
191.293

68, 9.843, 192.699

65, 25.870,
190.601

69, 3.645, 193.479

65, 30.021,
189.906

71, 2.816, 13.874

64, 33.436,
189.199

72, 9.456, 14.696

64, 36.073,
188.468

74, 16.206, 15.418

63, 37.933,
187.698

76, 23.008, 16.123

63, 39.081,
186.877

77, 29.816, 16.818

63, 39.477,

78, 32.863, 16.541

78, 32.843, 15.468

186.519

Harmonies

Complementary

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



67, 15.681, 191.993



58, 18.177, 16.079

Rectangle

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



67, 15.681, 191.993



67, 15.681, 241.993



67, 15.681, 11.993



67, 15.681, 61.993

Sweetspot

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



67, 15.682, 191.989



87, 6.298, 193.268



66, 28.933, 140.675



46, 4.498, 193.151



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



67, 15.682, 191.989



84, 22.910, 191.580



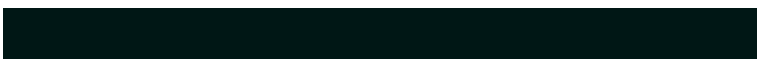
62, 13.403, 249.354



36, 3.639, 193.175



56, 35.849, 186.615



6, 7.896, 191.269

Inverse Universe

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



58, 18.177, 16.079



70, 27.574, 16.833



62, 14.888, 63.202



34, 3.828, 14.386



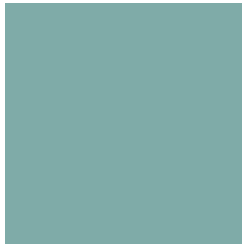
31, 67.542, 36.651



2, 7.836, 14.780

Previews

White Background



This preview shows how the CIELCh color 67, 15.681, 191.993 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 67, 15.681, 191.993 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

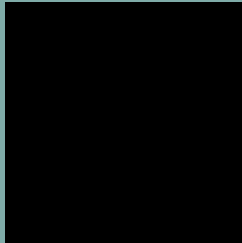
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

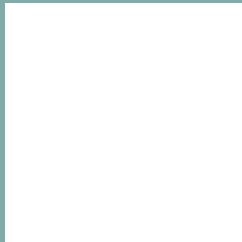
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 67, 15.681, 191.993

Background



This preview shows how black text looks on a background with the CIELCh color 67, 15.681, 191.993.

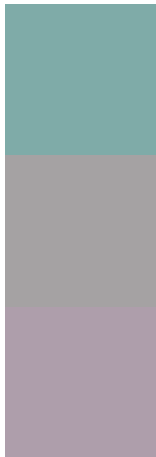


This preview shows how white text looks on a background with the CIELCh color 67, 15.681, 191.993.

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, 15.681, 191.993

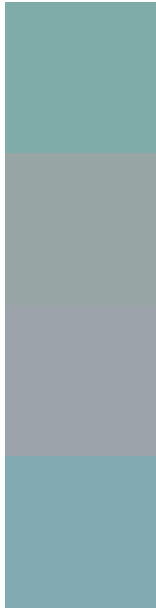
Protanopia
67, 1.278, 353.538

Deuteranopia
67, 9.426, 330.623



Tritanopia
67, 15.127, 229.426

Trichromacy



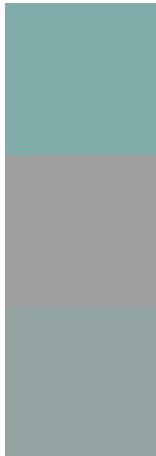
Original Color
67, 15.681, 191.993

Protanomaly
67, 5.197, 199.042

Deuteranomaly
67, 4.426, 260.517

Tritanomaly
67, 14.670, 215.967

Monochromacy



Original Color
67, 15.681, 191.993

Achromatopsia
65, 0.008, 296.813

Achromatomaly
66, 5.986, 193.625

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 15.681, 191.993 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(127, 171, 168)` looks like.

```
.text, #text, p{  
    color:rgb(127, 171, 168)  
}
```

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(127, 171, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 171, 168) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 15.681, 191.993 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(127, 171, 168) }
```

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

```
.border{ border-color:rgb(127, 171, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 171, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 171, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 171, 168);  
box-shadow:4px 4px 4px 4px rgb(127, 171,  
168) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 15.681, 191.993 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 171, 168) }
```

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

```
.background{ background-color: rgb(127,  
171, 168) }
```

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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