

Converting Colors

CIELCh(67, 15.683, 176.347)

Have a look what the booklet for
CIELCh(67, 15.683, 176.347)
contains.

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Color

CIELCh(67, 15.651, 177.351)

Conversions

Conversions Part 1

Format	Color
Hex	83ABA1
RGB	131, 171, 161
RGB Percent	51%, 67%, 63%
CMY	0.4854, 0.3285, 0.3678
CMYK	0.23, 0.00, 0.06, 0.33
HSL	165°, 19%, 59%
HSV	165°, 23%, 67%
XYZ	30.4495, 36.6320, 39.2842
YIQ	157.9000, -20.6300, -11.5900

Conversions

Conversions Part 2

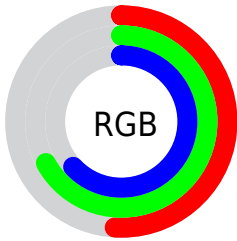
Format	Color
RYB	131, 154, 171
Decimal	8629153
CIELab	67.00, -15.63, 0.72
CIElCh	67, 15.651, 177.351
Yxy	36.6320, 0.2863, 0.3444
Android (android.graphics.Color)	4286819233 (0xFF83ABA1)
YUV	157.9000, 1.5283, -23.5913
Hunter-Lab	60.5244, -16.1151, 3.8840

Details

The CIELCh color **67, 15.651, 177.351** is a light color, and the websafe version is hex **669999**. A complement of this color would be **59, 16.954, 1.926**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **87, 15.290, 178.296**, and **47, 15.843, 177.934** is the 20% darker color. If you saturate the color by 10%, you get **66, 21.919, 176.294**, and if you desaturate by 10%, it is **68, 9.080, 178.344**.

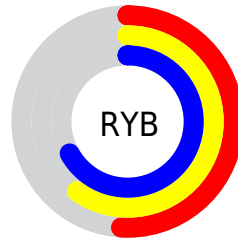
Distribution



Red (51%)

Green (67%)

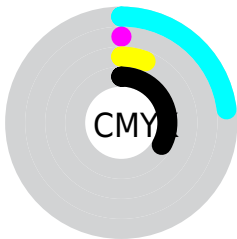
Blue (63%)



Red (51%)

Yellow (60%)

Blue (67%)

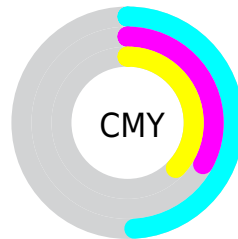


Cyan (23%)

Magenta (0%)

Yellow (6%)

Black (33%)



Cyan (49%)


Magenta (33%)


Yellow (37%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 67, 15.651, 177.351 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, 15.651, 177.351 by changing the saturation by 10% instead.


 67, 15.651,
177.351


 67, 15.651,
177.351


 100, 15.651,
177.351


 57, 15.651,
177.351


 87, 15.651,
177.351

 47, 15.651,
177.351

 97, 15.651,
177.351

 37, 15.651,
177.351

 27, 15.651,
177.351

 17, 15.651,
177.351

 7, 15.651, 177.351

 0, 15.651, 177.351

67, 15.651,
177.351

67, 15.651,
177.351

66, 21.919,
176.294

68, 9.080, 178.344

65, 27.772,
175.157

70, 2.306, 179.404

71, 4.581, 359.986

64, 33.097,
173.917

73, 11.509, 0.872

64, 37.797,
172.551

74, 18.418, 1.679

76, 25.265, 2.446

63, 41.797,
171.035

78, 32.018, 3.182

63, 45.065,
169.347

79, 33.958, 0.490

62, 47.630,
167.476

79, 34.617,
356.903

62, 49.096,

Harmonies

Complementary

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



67, 15.651, 177.351



59, 16.954, 1.926

Rectangle

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



67, 15.651, 177.351



67, 15.651, 227.351



67, 15.651, 357.351



67, 15.651, 47.351

Sweetspot

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



67, 15.652, 177.348



87, 5.907, 178.965



67, 24.830, 135.692



47, 3.867, 178.906



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, 15.652, 177.348



84, 22.941, 176.816



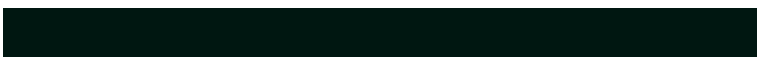
65, 11.845, 224.747



36, 3.902, 178.743



55, 44.493, 166.428



6, 8.712, 173.729

Inverse Universe

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



59, 16.954, 1.926



72, 25.324, 2.599



61, 13.752, 42.712



34, 4.026, 0.318



31, 60.345, 24.461



2, 8.167, 2.944

Previews

White Background



This preview shows how the CIELCh color 67, 15.651, 177.351 looks on a white background.

Color Contrast Check

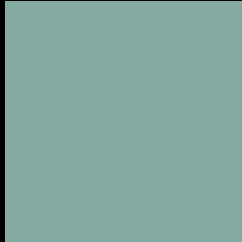
Large Text (above 18pt) WCAG AA × Fail

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, 15.651, 177.351 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

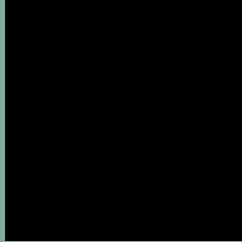
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 15.651, 177.351

Background



This preview shows how black text looks on a background with the CIELCh color 67, 15.651, 177.351.



This preview shows how white text looks on a background with the CIELCh color 67, 15.651, 177.351.

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](#).

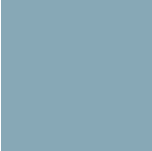
Dichromacy



Original Color
67, 15.651, 177.351

Protanopia
67, 3.815, 79.293

Deuteranopia
67, 8.617, 353.596



Tritanopia
67, 13.543, 233.670

Trichromacy



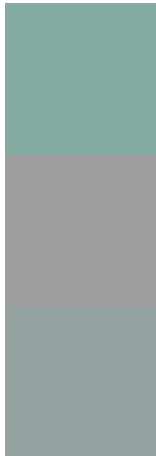
Original Color
67, 15.651, 177.351

Protanomaly
67, 5.725, 156.554

Deuteranomaly
66, 0.933, 236.290

Tritanomaly
67, 12.551, 211.228

Monochromacy



Original Color
67, 15.651, 177.351

Achromatopsia
65, 0.008, 296.813

Achromatomaly
66, 6.086, 177.552

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 15.651, 177.351 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(131, 171, 161)` looks like.

```
.text, #text, p{  
    color:rgb(131, 171, 161)  
}
```

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(131, 171, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 171, 161) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 15.651, 177.351 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(131, 171, 161) }
```

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

```
.border{ border-color:rgb(131, 171, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 171, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 171, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 171, 161);  
box-shadow:4px 4px 4px 4px rgb(131, 171,  
161) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 15.651, 177.351 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 171, 161) }
```

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

```
.background{ background-color: rgb(131,  
171, 161) }
```

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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