

Converting Colors

CIELCh(67, 14.985, 176.690)

Have a look what the booklet for
CIELCh(67, 14.985, 176.690)
contains.

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Color

CIELCh(67, 15.017, 176.504)

Conversions

Conversions Part 1

Format	Color
Hex	85ABA1
RGB	133, 171, 161
RGB Percent	52%, 67%, 63%
CMY	0.4788, 0.3298, 0.3690
CMYK	0.22, 0.00, 0.06, 0.33
HSL	164°, 18%, 60%
HSV	164°, 22%, 67%
XYZ	30.6221, 36.6320, 39.1252
YIQ	158.4980, -19.4380, -11.1660

Conversions

Conversions Part 2

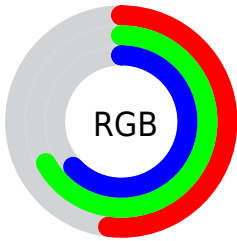
Format	Color
RYB	133, 155, 171
Decimal	8760225
CIELab	67.00, -14.99, 0.92
CIELCh	67, 15.017, 176.504
Yxy	36.6320, 0.2879, 0.3444
Android (android.graphics.Color)	4286950305 (0xFF85ABA1)
YUV	158.4980, 1.2335, -22.3617
Hunter-Lab	60.5244, -15.6061, 4.0398

Details

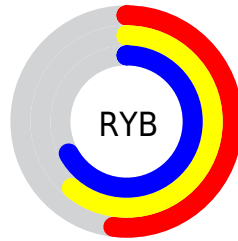
The CIELCh color **67, 15.017, 176.504** is a light color, and the websafe version is hex **669999**. A complement of this color would be **59, 16.147, 0.833**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **87, 14.668, 177.464**, and **47, 15.206, 177.159** is the 20% darker color. If you saturate the color by 10%, you get **66, 21.384, 175.445**, and if you desaturate by 10%, it is **68, 8.369, 177.499**.

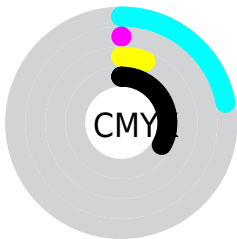
Distribution



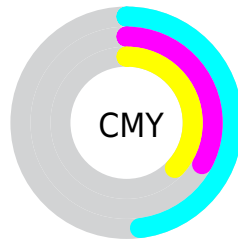
- Red (52%)
- Green (67%)
- Blue (63%)



- Red (52%)
- Yellow (61%)
- Blue (67%)



- Cyan (22%)
- Magenta (0%)
- Yellow (6%)
- Black (33%)





- Cyan (48%)
- Magenta (33%)
- Yellow (37%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 67, 15.017, 176.504 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, 15.017, 176.504 by changing the saturation by 10% instead.


 67, 15.017,
176.504


 67, 15.017,
176.504


 100, 15.017,
176.504


 57, 15.017,
176.504


 87, 15.017,
176.504

 47, 15.017,
176.504

 97, 15.017,
176.504

 37, 15.017,
176.504

 27, 15.017,
176.504

 17, 15.017,
176.504

 7, 15.017, 176.504

 0, 15.017, 176.504

67, 15.017,
176.504

67, 15.017,
176.504

66, 21.384,
175.445

68, 8.369, 177.499

65, 27.358,
174.305

70, 1.538, 178.646

71, 5.388, 359.147

64, 32.826,
173.060

73, 12.339, 0.016

63, 37.685,
171.686

74, 19.258, 0.816

76, 26.105, 1.576

63, 41.858,
170.160

78, 32.848, 2.304

63, 45.306,
168.460

79, 34.331,
359.126

62, 48.047,
166.573

79, 35.083,
355.436

62, 49.849,

Harmonies

Complementary

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



67, 15.017, 176.504



59, 16.147, 0.833

Rectangle

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



67, 15.017, 176.504



67, 15.017, 226.504



67, 15.017, 356.504



67, 15.017, 46.504

Sweetspot

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



67, 15.018, 176.501



87, 5.947, 178.010



67, 23.588, 135.752



47, 3.894, 177.951



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, 15.018, 176.501



84, 22.354, 175.956



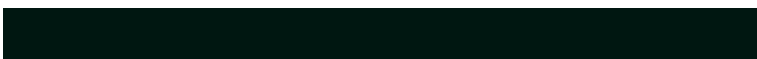
65, 11.292, 224.662



36, 3.930, 177.788



55, 45.234, 165.278



6, 8.791, 172.714

Inverse Universe

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



59, 16.147, 0.833



73, 24.479, 1.506



61, 13.005, 42.731



34, 4.049, 359.370



31, 59.916, 23.345



2, 8.204, 2.135

Previews

White Background



This preview shows how the CIELCh color 67, 15.017, 176.504 looks on a white background.

Color Contrast Check

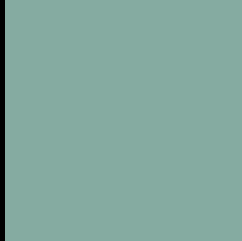
Large Text (above 18pt) WCAG AA × Fail

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, 15.017, 176.504 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

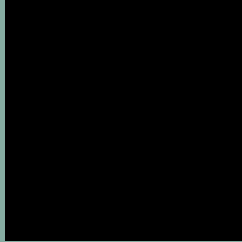
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

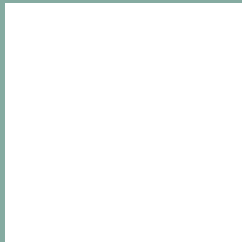
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 67, 15.017, 176.504

Background



This preview shows how black text looks on a background with the CIELCh color 67, 15.017, 176.504.



This preview shows how white text looks on a background with the CIELCh color 67, 15.017, 176.504.

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](#).

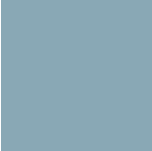
Dichromacy



Original Color
67, 15.017, 176.504

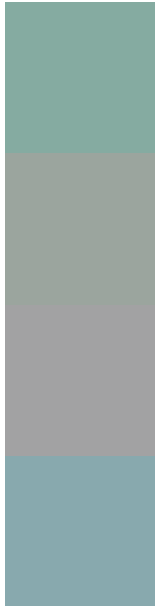
Protanopia
67, 3.815, 79.293

Deuteranopia
67, 8.966, 354.758



Tritanopia
67, 12.743, 233.163

Trichromacy



Original Color
67, 15.017, 176.504

Protanomaly
67, 5.452, 153.931

Deuteranomaly
67, 0.561, 290.334

Tritanomaly
67, 11.909, 211.977

Monochromacy



Original Color
67, 15.017, 176.504

Achromatopsia
65, 0.008, 296.813

Achromatomaly
66, 5.744, 176.256

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 15.017, 176.504 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(133, 171, 161)` looks like.

```
.text, #text, p{  
    color:rgb(133, 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(133, 171, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 171, 161) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 15.017, 176.504 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(133, 171, 161) }
```

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

```
.border{ border-color:rgb(133, 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(133, 171, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 171, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 171, 161);  
box-shadow:4px 4px 4px 4px rgb(133, 171,  
161) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 15.017, 176.504 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 171, 161) }
```

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

```
.background{ background-color: rgb(133,  
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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