

Converting Colors

CIELCh(67, 15.615, 167.921)

Have a look what the booklet for
CIELCh(67, 15.615, 167.921)
contains.

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Color

CIELCh(67, 15.507, 168.173)

Conversions

Conversions Part 1

Format	Color
Hex	87AB9D
RGB	135, 171, 157
RGB Percent	53%, 67%, 62%
CMY	0.4712, 0.3300, 0.3849
CMYK	0.21, 0.00, 0.08, 0.33
HSL	157°, 18%, 60%
HSV	157°, 21%, 67%
XYZ	30.5716, 36.6320, 37.2870
YIQ	158.6400, -16.9620, -11.9860

Conversions

Conversions Part 2

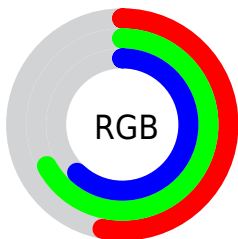
Format	Color
RYB	135, 157, 171
Decimal	8891293
CIELab	67.00, -15.18, 3.18
CIELCh	67, 15.507, 168.173
Yxy	36.6320, 0.2926, 0.3506
Android (android.graphics.Color)	4287081373 (0xFF87AB9D)
YUV	158.6400, -0.8085, -20.7323
Hunter-Lab	60.5244, -15.7552, 5.8405

Details

The CIELCh color $67, 15.507, 168.173$ is a light color, and the websafe version is hex 669999 . A complement of this color would be $60, 16.184, 352.117$, and the grayscale version is $65, 0.008, 296.813$.

A 20% lighter version of the original color is $87, 15.066, 169.269$, and $47, 15.781, 168.475$ is the 20% darker color. If you saturate the color by 10%, you get $66, 22.631, 167.097$, and if you desaturate by 10%, it is $68, 8.194, 169.165$.

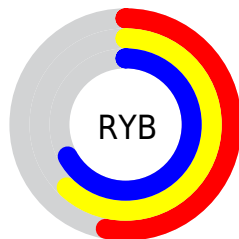
Distribution



Red (53%)

Green (67%)

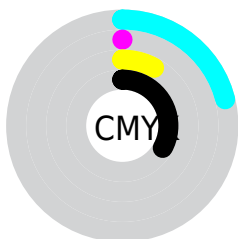
Blue (62%)



Red (53%)

Yellow (62%)

Blue (67%)

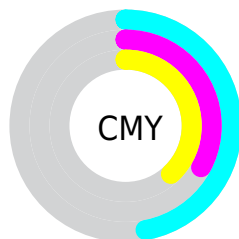


Cyan (21%)

Magenta (0%)

Yellow (8%)

Black (33%)



Cyan (47%)


Magenta (33%)


Yellow (38%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 67, 15.507, 168.173 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, 15.507, 168.173 by changing the saturation by 10% instead.


 67, 15.507,
168.173


 67, 15.507,
168.173


 100, 15.507,
168.173


 57, 15.507,
168.173


 87, 15.507,
168.173

 47, 15.507,
168.173

 97, 15.507,
168.173

 37, 15.507,
168.173

 27, 15.507,
168.173

 17, 15.507,
168.173

 7, 15.507, 168.173

 0, 15.507, 168.173

67, 15.507,
168.173

67, 15.507,
168.173

66, 22.631,
167.097

68, 8.194, 169.165

65, 29.449,
165.914

70, 0.789, 170.512

71, 6.626, 350.777

64, 35.841,
164.598

73, 13.985,
351.580

63, 41.690,
163.124

75, 21.239,
352.315

63, 46.899,
161.468

77, 28.355,
353.004

62, 51.408,
159.612

79, 35.309,
353.656

62, 55.213,
157.552

79, 36.971,
348.872

62, 58.175,

155.626

 79, 38.730,
344.345

Harmonies

Complementary

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



67, 15.507, 168.173



60, 16.184, 352.117

Rectangle

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



67, 15.507, 168.173



67, 15.507, 218.173



67, 15.507, 348.173



67, 15.507, 38.173

Sweetspot

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



67, 15.508, 168.170



87, 5.499, 169.656



67, 21.502, 131.570



47, 3.676, 169.592



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, 15.508, 168.170



84, 22.669, 167.713



66, 11.640, 208.394



35, 4.140, 169.340



54, 52.046, 155.920



5, 7.992, 165.490

Inverse Universe

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



60, 16.184, 352.117



74, 23.872, 352.619



61, 13.410, 29.280



33, 4.221, 350.880



31, 56.507, 11.722



2, 7.348, 353.596

Previews

White Background



This preview shows how the CIE LCh color 67, 15.507, 168.173 looks on a white background.

Color Contrast Check

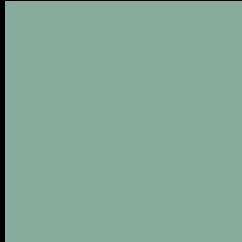
Large Text (above 18pt) WCAG AA × Fail

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, 15.507, 168.173 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

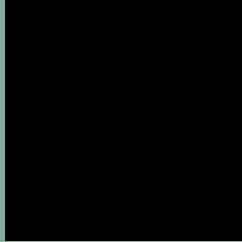
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 15.507, 168.173

Background



This preview shows how black text looks on a background with the CIELCh color 67, 15.507, 168.173.

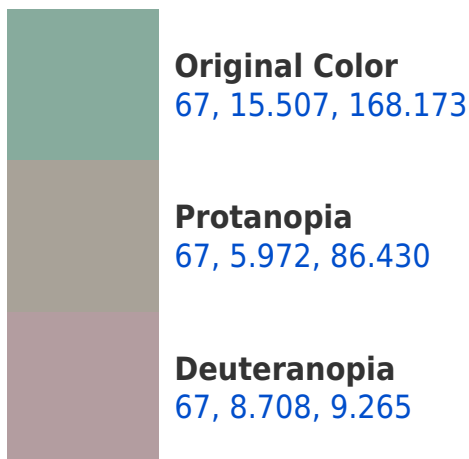


This preview shows how white text looks on a background with the CIELCh color 67, 15.507, 168.173.

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
67, 12.256, 238.124

Trichromacy



Original Color
67, 15.507, 168.173

Protanomaly
67, 7.010, 139.077

Deuteranomaly
67, 1.688, 96.857

Tritanomaly
67, 11.196, 209.985

Monochromacy



Original Color
67, 15.507, 168.173

Achromatopsia
65, 0.008, 296.813

Achromatomaly
66, 5.670, 169.738

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 15.507, 168.173 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(135, 171, 157)` looks like.

```
.text, #text, p{  
    color:rgb(135, 171, 157)  
}
```

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(135, 171, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 171, 157) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 15.507, 168.173 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(135, 171, 157) }
```

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

```
.border{ border-color:rgb(135, 171, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 171, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 171, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 171, 157);  
box-shadow:4px 4px 4px 4px rgb(135, 171,  
157) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 15.507, 168.173 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 171, 157) }
```

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

```
.background{ background-color: rgb(135,  
171, 157) }
```

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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