

Converting Colors

CIELCh(67, 19.401, 172.419)

Have a look what the booklet for
CIELCh(67, 19.401, 172.419)
contains.

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Color

CIELCh(67, 19.392, 172.431)

Conversions

Conversions Part 1

Format	Color
Hex	7DAD9E
RGB	125, 173, 158
RGB Percent	49%, 68%, 62%
CMY	0.5104, 0.3222, 0.3810
CMYK	0.28, 0.00, 0.09, 0.32
HSL	161°, 23%, 58%
HSV	161°, 28%, 68%
XYZ	29.5013, 36.6320, 37.7881
YIQ	156.9380, -23.7930, -14.8410

Conversions

Conversions Part 2

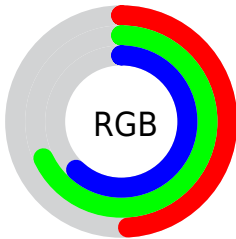
Format	Color
RYB	125, 153, 173
Decimal	8236446
CIELab	67.00, -19.22, 2.55
CIElCh	67, 19.392, 172.431
Yxy	36.6320, 0.2839, 0.3525
Android (android.graphics.Color)	4286426526 (0xFF7DAD9E)
YUV	156.9380, 0.5236, -28.0096
Hunter-Lab	60.5244, -18.9116, 5.3496

Details

The CIELCh color **67, 19.392, 172.431** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **57, 20.944, 358.042**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **87, 19.414, 172.505**, and **47, 19.104, 173.480** is the 20% darker color. If you saturate the color by 10%, you get **66, 25.903, 171.296**, and if you desaturate by 10%, it is **68, 12.568, 173.475**.

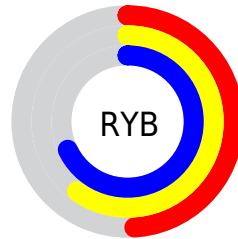
Distribution



Red (49%)

Green (68%)

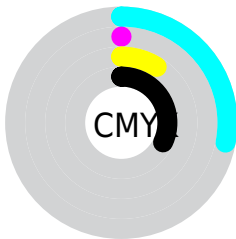
Blue (62%)



Red (49%)

Yellow (60%)

Blue (68%)

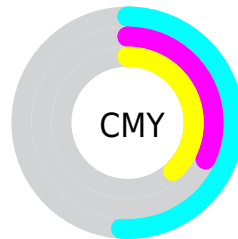


Cyan (28%)

Magenta (0%)

Yellow (9%)

Black (32%)



Cyan (51%)


Magenta (32%)


Yellow (38%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 67, 19.392, 172.431 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, 19.392, 172.431 by changing the saturation by 10% instead.


 67, 19.392,
172.431


 67, 19.392,
172.431


 100, 19.392,
172.431


 57, 19.392,
172.431


 87, 19.392,
172.431

 47, 19.392,
172.431

 97, 19.392,
172.431

 37, 19.392,
172.431

 27, 19.392,
172.431

 17, 19.392,
172.431

 7, 19.392, 172.431

 0, 19.392, 172.431

67, 19.392,
172.431

67, 19.392,
172.431

66, 25.903,
171.296

68, 12.568,
173.475

65, 31.983,
170.054

70, 5.538, 174.475

64, 37.518,
168.679

71, 1.602, 355.027

73, 8.773, 356.084

64, 42.411,
167.146

74, 15.913,
356.901

63, 46.597,
165.433

76, 22.973,
357.665

63, 50.061,
163.524


78, 29.920,
358.390

63, 52.898,
161.447

79, 33.971,
356.624

63, 53.506,

160.995

 79, 35.024,
352.266

Harmonies

Complementary

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



67, 19.392, 172.431



57, 20.944, 358.042

Rectangle

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



67, 19.392, 172.431



67, 19.392, 222.431



67, 19.392, 352.431



67, 19.392, 42.431

Sweetspot

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



67, 19.393, 172.429



88, 7.050, 174.437



67, 29.288, 133.927



46, 5.000, 174.289



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, 19.393, 172.429



84, 28.220, 171.783



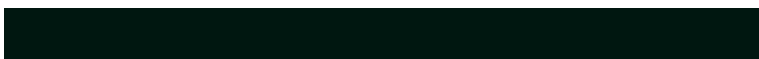
65, 14.274, 218.524



36, 4.042, 174.320



55, 48.106, 161.261



6, 9.100, 169.178

Inverse Universe

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



57, 20.944, 358.042



70, 30.999, 358.841



59, 17.247, 37.511



34, 4.147, 355.906



31, 58.537, 18.971



2, 8.357, 359.159

Previews

White Background



This preview shows how the CIELCh color 67, 19.392, 172.431 looks on a white background.

Color Contrast Check

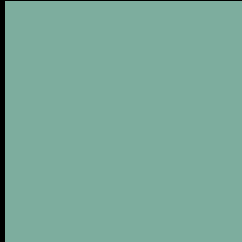
Large Text (above 18pt) WCAG AA × Fail

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, 19.392, 172.431 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

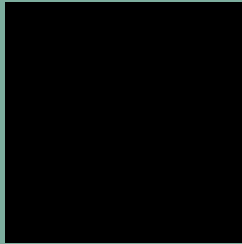
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 19.392, 172.431

Background



This preview shows how black text looks on a background with the CIELCh color 67, 19.392, 172.431.

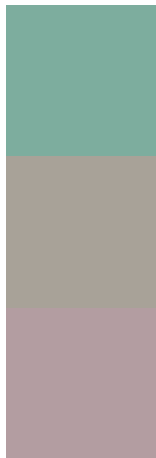


This preview shows how white text looks on a background with the CIELCh color 67, 19.392, 172.431.

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, 19.392, 172.431

Protanopia
67, 5.972, 86.430

Deuteranopia
67, 8.812, 5.743



Tritanopia
67, 15.127, 229.426

Trichromacy



Original Color
67, 19.392, 172.431

Protanomaly
67, 8.560, 148.126

Deuteranomaly
67, 2.258, 152.307

Tritanomaly
67, 14.715, 206.934

Monochromacy



Original Color
67, 19.392, 172.431

Achromatopsia
65, 0.008, 296.813

Achromatomaly
65, 7.587, 172.745

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 19.392, 172.431 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(125, 173, 158)` looks like.

```
.text, #text, p{  
    color:rgb(125, 173, 158)  
}
```

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(125, 173, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 173, 158) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 19.392, 172.431 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(125, 173, 158) }
```

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

```
.border{ border-color:rgb(125, 173, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 173, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 173, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 173, 158);  
box-shadow:4px 4px 4px 4px rgb(125, 173,  
158) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 19.392, 172.431 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 173, 158) }
```

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

```
.background{ background-color: rgb(125,  
173, 158) }
```

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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