

Converting Colors

CIELCh(68, 19.339, 175.432)

Have a look what the booklet for
CIELCh(68, 19.339, 175.432)
contains.

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Color

CIELCh(68, 19.668, 174.633)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 7EB0A2 |
| RGB | 126, 176, 162 |
| RGB Percent | 49%, 69%, 64% |
| CMY | 0.5068, 0.3108, 0.3656 |
| CMYK | 0.28, 0.00, 0.08, 0.31 |
| HSL | 163°, 24%, 59% |
| HSV | 163°, 28%, 69% |
| XYZ | 30.5465, 37.9720, 39.7895 |
| YIQ | 159.4540, -25.3060, -14.9540 |

Conversions

Conversions Part 2

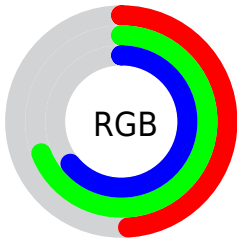
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 126, 155, 176 |
| Decimal | 8302754 |
| CIELab | 68.00, -19.58, 1.84 |
| CIELCh | 68, 19.668, 174.633 |
| Yxy | 37.9720, 0.2820, 0.3506 |
| Android (android.graphics.Color) | 4286492834 (0xFF7EB0A2) |
| YUV | 159.4540, 1.2552, -29.3392 |
| Hunter-Lab | 61.6215, -19.3529, 4.8510 |

Details

The CIELCh color **68, 19.668, 174.633** is a light color, and the websafe version is hex **669999**. A complement of this color would be **58, 21.501, 0.434**, and the grayscale version is **66, 0.008, 296.813**.

A 20% lighter version of the original color is **88, 19.708, 174.623**, and **48, 19.642, 174.247** is the 20% darker color. If you saturate the color by 10%, you get **67, 26.043, 173.509**, and if you desaturate by 10%, it is **69, 12.946, 175.672**.

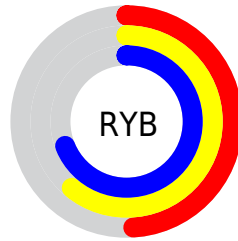
Distribution



Red (49%)

Green (69%)

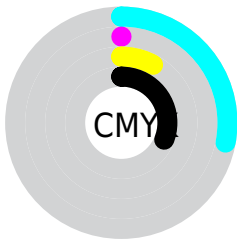
Blue (64%)



Red (49%)

Yellow (61%)

Blue (69%)

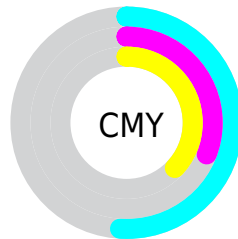


Cyan (28%)

Magenta (0%)

Yellow (8%)

Black (31%)



Cyan (51%)


Magenta (31%)


Yellow (37%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 68, 19.668, 174.633 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 68, 19.668, 174.633 by changing the saturation by 10% instead.


 68, 19.668,
174.633


 68, 19.668,
174.633


 100, 19.668,
174.633


 58, 19.668,
174.633


 88, 19.668,
174.633

 48, 19.668,
174.633

 98, 19.668,
174.633

 38, 19.668,
174.633

 28, 19.668,
174.633

 18, 19.668,
174.633

 8, 19.668, 174.633

 0, 19.668, 174.633

68, 19.668,
174.633

68, 19.668,
174.633

67, 26.043,
173.509

69, 12.946,
175.672

66, 31.952,
172.284

71, 5.986, 176.670

65, 37.282,
170.933

72, 1.114, 357.102

74, 8.271, 358.294

65, 41.942,
169.432

75, 15.420,
359.126

64, 45.872,
167.759

77, 22.509,
359.906

64, 49.066,
165.895

79, 29.501, 0.649

64, 51.643,
163.876

80, 32.414,
358.058

64, 52.030,

80, 33.309,

163.569

353.851

Harmonies

Complementary

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



68, 19.668, 174.633



58, 21.501, 0.434

Rectangle

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



68, 19.668, 174.633



68, 19.668, 224.633



68, 19.668, 354.633



68, 19.668, 44.633

Sweetspot

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



68, 19.669, 174.631



89, 7.921, 176.598



68, 30.715, 134.912



47, 5.492, 176.456



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



68, 19.669, 174.631



86, 28.859, 173.951



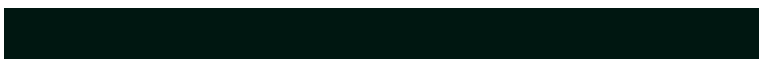
65, 14.567, 222.937



36, 3.966, 176.585



55, 46.199, 163.857



6, 8.894, 171.461

Inverse Universe

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



58, 21.501, 0.434



71, 32.204, 1.316



60, 17.612, 40.907



34, 4.081, 358.171



31, 59.403, 21.885



2, 8.254, 1.109

Previews

White Background



This preview shows how the CIELCh color 68, 19.668, 174.633 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 68, 19.668, 174.633 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 68, 19.668, 174.633

Background



This preview shows how black text looks on a background with the CIELCh color 68, 19.668, 174.633.

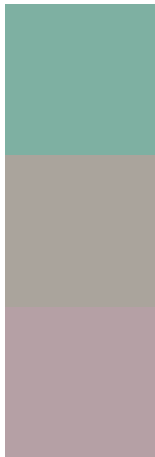


This preview shows how white text looks on a background with the CIELCh color 68, 19.668, 174.633.

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
68, 19.668, 174.633

Protanopia
68, 4.960, 81.661

Deuteranopia
68, 8.547, 1.446



Tritanopia
68, 15.637, 228.178

Trichromacy



Original Color
68, 19.668, 174.633

Protanomaly
68, 7.699, 153.189

Deuteranomaly
68, 2.194, 169.331

Tritanomaly
68, 15.315, 206.531

Monochromacy



Original Color
68, 19.668, 174.633

Achromatopsia
65, 0.008, 296.813

Achromatomaly
66, 7.321, 176.586

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 19.668, 174.633 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(126, 176, 162)` looks like.

```
.text, #text, p{  
    color:rgb(126, 176, 162)  
}
```

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(126, 176, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 176, 162) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 19.668, 174.633 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(126, 176, 162) }
```

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

```
.border{ border-color:rgb(126, 176, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 176, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 176, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 176, 162);  
box-shadow:4px 4px 4px 4px rgb(126, 176,  
162) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 19.668, 174.633 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 176, 162) }
```

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

```
.background{ background-color: rgb(126,  
176, 162) }
```

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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