

Converting Colors

CIELCh(67, 26.482, 178.949)

Have a look what the booklet for
CIELCh(67, 26.482, 178.949)
contains.

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Color

CIELCh(67, 26.450, 178.859)

Conversions

Conversions Part 1

Format	Color
Hex	67B0A1
RGB	103, 176, 161
RGB Percent	40%, 69%, 63%
CMY	0.5951, 0.3088, 0.3676
CMYK	0.41, 0.00, 0.09, 0.31
HSL	168°, 32%, 55%
HSV	168°, 41%, 69%
XYZ	27.6533, 36.6320, 39.4472
YIQ	152.4630, -38.6930, -20.1410

Conversions

Conversions Part 2

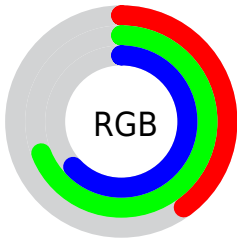
Format	Color
RYB	103, 144, 176
Decimal	6795425
CIELab	67.00, -26.44, 0.53
CIElCh	67, 26.450, 178.859
Yxy	36.6320, 0.2666, 0.3531
Android (android.graphics.Color)	4284985505 (0xFF67B0A1)
YUV	152.4630, 4.2087, -43.3791
Hunter-Lab	60.5244, -24.3617, 3.7243

Details

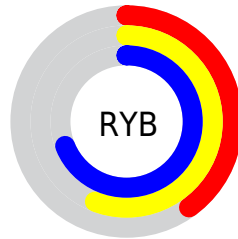
The CIELCh color **67, 26.450, 178.859** is a light color, and the websafe version is hex **339999**. A complement of this color would be **52, 31.413, 7.950**, and the grayscale version is **63, 0.008, 296.813**.

A 20% lighter version of the original color is **87, 26.565, 179.153**, and **47, 26.262, 179.454** is the 20% darker color. If you saturate the color by 10%, you get **66, 31.727, 177.714**, and if you desaturate by 10%, it is **68, 20.626, 179.917**.

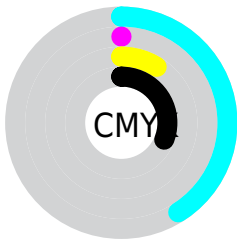
Distribution



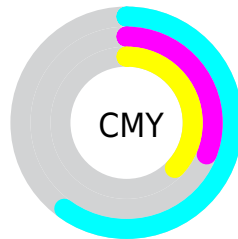
- Red (40%)
- Green (69%)
- Blue (63%)



- Red (40%)
- Yellow (56%)
- Blue (69%)



- Cyan (41%)
- Magenta (0%)
- Yellow (9%)
- Black (31%)





- Cyan (60%)
- Magenta (31%)
- Yellow (37%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 67, 26.450, 178.859 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, 26.450, 178.859 by changing the saturation by 10% instead.


 67, 26.450,
178.859


 67, 26.450,
178.859


 100, 26.450,
178.859


 57, 26.450,
178.859


 87, 26.450,
178.859

 47, 26.450,
178.859

 97, 26.450,
178.859

 37, 26.450,
178.859

 27, 26.450,
178.859

 17, 26.450,
178.859

 7, 26.450, 178.859

 0, 26.450, 178.859

67, 26.450,
178.859

67, 26.450,
178.859

66, 31.727,
177.714

68, 20.626,
179.917

66, 36.354,
176.468

69, 14.365,
180.914

65, 40.255,
175.095

70, 7.781, 181.874

72, 0.975, 183.176

65, 43.393,
173.574

73, 5.963, 3.473

64, 45.789,
171.886

75, 12.957, 4.331

64, 47.423,
170.354

77, 19.950, 5.131

79, 26.897, 5.898

80, 31.217, 5.007

Harmonies

Complementary

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



67, 26.450, 178.859



52, 31.413, 7.950

Rectangle

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



67, 26.450, 178.859



67, 26.450, 228.859



67, 26.450, 358.859



67, 26.450, 48.859

Sweetspot

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



67, 26.451, 178.857



89, 10.123, 181.798



67, 45.502, 136.065



47, 6.696, 181.678



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



67, 26.451, 178.857



84, 38.316, 177.779



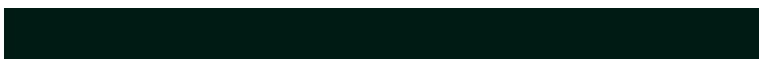
61, 20.110, 233.825



37, 3.909, 182.076



56, 42.602, 170.582



7, 9.980, 176.716

Inverse Universe

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



52, 31.413, 7.950



62, 47.463, 9.838



57, 26.283, 47.619



35, 4.052, 3.620



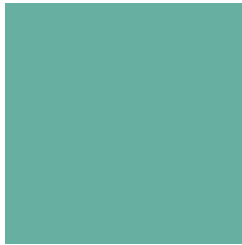
32, 62.773, 28.145



2, 9.424, 6.443

Previews

White Background



This preview shows how the CIELCh color 67, 26.450, 178.859 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, 26.450, 178.859 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, 26.450, 178.859

Background



This preview shows how black text looks on a background with the CIELCh color 67, 26.450, 178.859.

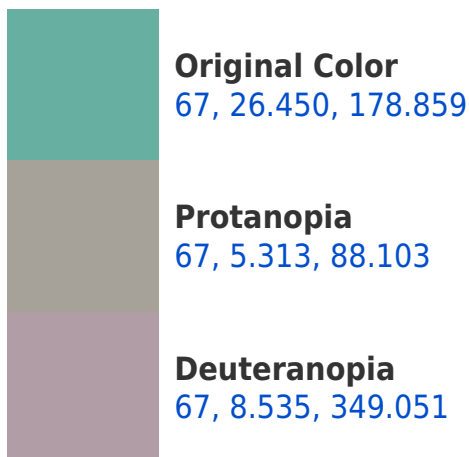


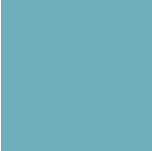
This preview shows how white text looks on a background with the CIELCh color 67, 26.450, 178.859.

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](#).

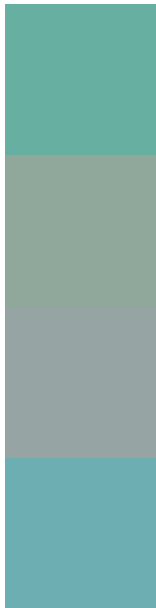
Dichromacy





Tritanopia
67, 21.267, 217.786

Trichromacy



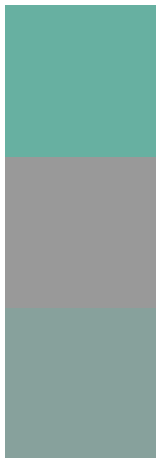
Original Color
67, 26.450, 178.859

Protanomaly
66, 10.651, 163.698

Deuteranomaly
66, 5.203, 199.039

Tritanomaly
67, 21.766, 202.065

Monochromacy



Original Color
67, 26.450, 178.859

Achromatopsia
63, 0.008, 296.813

Achromatomaly
64, 10.086, 182.463

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 26.450, 178.859 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(103, 176, 161)` looks like.

```
.text, #text, p{  
    color:rgb(103, 176, 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(103, 176, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 176, 161) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 26.450, 178.859 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(103, 176, 161) }
```

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

```
.border{ border-color:rgb(103, 176, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(103, 176, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 176, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 176, 161);  
box-shadow:4px 4px 4px 4px rgb(103, 176,  
161) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 26.450, 178.859 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 176, 161) }
```

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

```
.background{ background-color: rgb(103,  
176, 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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