

Converting Colors

CIELCh(67, 17.565, 189.759)

Have a look what the booklet for
CIELCh(67, 17.565, 189.759)
contains.

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Color

CIELCh(67, 17.376, 190.604)

Conversions

Conversions Part 1

Format	Color
Hex	7BACA8
RGB	123, 172, 168
RGB Percent	48%, 67%, 66%
CMY	0.5169, 0.3248, 0.3405
CMYK	0.28, 0.00, 0.02, 0.32
HSL	175°, 23%, 58%
HSV	175°, 28%, 68%
XYZ	30.0653, 36.6320, 42.6198
YIQ	156.8930, -27.9200, -11.6320

Conversions

Conversions Part 2

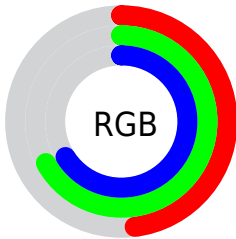
Format	Color
RYB	123, 149, 172
Decimal	8105128
CIELab	67.00, -17.08, -3.20
CIElCh	67, 17.376, 190.604
Yxy	36.6320, 0.2750, 0.3351
Android (android.graphics.Color)	4286295208 (0xFF7BACA8)
YUV	156.8930, 5.4758, -29.7242
Hunter-Lab	60.5244, -17.2482, 0.6164

Details

The CIELCh color **67, 17.376, 190.604** is a light color, and the websafe version is hex **669999**. A complement of this color would be **57, 20.399, 15.386**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **87, 17.130, 191.194**, and **47, 17.547, 189.689** is the 20% darker color. If you saturate the color by 10%, you get **66, 22.675, 189.860**, and if you desaturate by 10%, it is **68, 11.594, 191.343**.

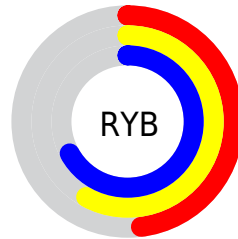
Distribution



Red (48%)

Green (67%)

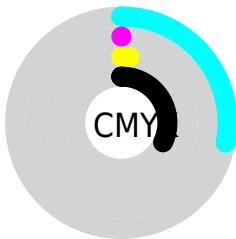
Blue (66%)



Red (48%)

Yellow (58%)

Blue (67%)

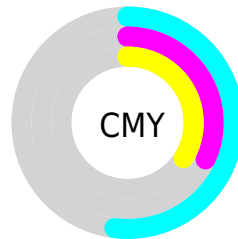


Cyan (28%)

Magenta (0%)

Yellow (2%)

Black (32%)



Cyan (52%)

Magenta (32%)

Yellow (34%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 17.376, 190.604 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, 17.376, 190.604 by changing the saturation by 10% instead.

 67, 17.376,
190.604

 67, 17.376,
190.604

 100, 17.376,
190.604

 57, 17.376,
190.604

 87, 17.376,
190.604

 47, 17.376,
190.604

 97, 17.376,
190.604

 37, 17.376,
190.604

 27, 17.376,
190.604

 17, 17.376,
190.604

 7, 17.376, 190.604

 0, 17.376, 190.604

67, 17.376,
190.604

67, 17.376,
190.604

66, 22.675,
189.860

68, 11.594,
191.343

65, 27.387,
189.112

69, 5.434, 192.117

65, 31.419,
188.347

71, 1.008, 12.273

72, 7.642, 13.411

64, 34.701,
187.553

74, 14.395, 14.159

64, 37.200,
186.716

75, 21.206, 14.882

77, 28.029, 15.592

64, 38.931,
185.819

79, 32.484, 15.602

63, 40.024,
184.860

79, 32.476, 14.298

63, 40.178,

184.714

Harmonies

Complementary

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



67, 17.376, 190.604



57, 20.399, 15.386

Rectangle

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



67, 17.376, 190.604



67, 17.376, 240.604



67, 17.376, 10.604



67, 17.376, 60.604

Sweetspot

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



67, 17.377, 190.600



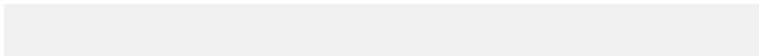
88, 7.159, 192.059



66, 32.179, 140.475



46, 4.954, 191.946



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, 17.377, 190.600



84, 25.222, 190.146



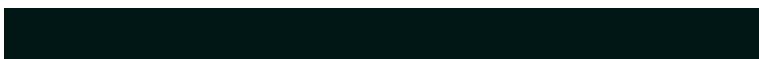
61, 14.846, 249.833



36, 3.650, 192.047



56, 36.346, 184.830



6, 7.931, 189.753

Inverse Universe

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



57, 20.399, 15.386



69, 30.782, 16.244



62, 16.704, 62.920



34, 3.834, 13.305



31, 67.048, 36.034



2, 7.848, 13.877

Previews

White Background



This preview shows how the CIELCh color 67, 17.376, 190.604 looks on a white background.

Color Contrast Check

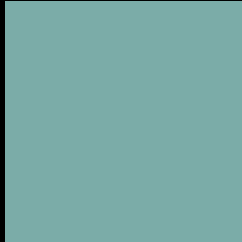
Large Text (above 18pt) WCAG AA × Fail

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, 17.376, 190.604 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

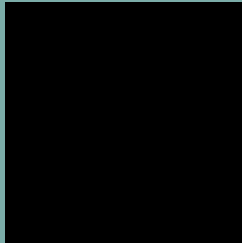
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 17.376, 190.604

Background



This preview shows how black text looks on a background with the CIELCh color 67, 17.376, 190.604.

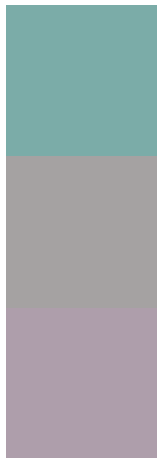


This preview shows how white text looks on a background with the CIELCh color 67, 17.376, 190.604.

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, 17.376, 190.604

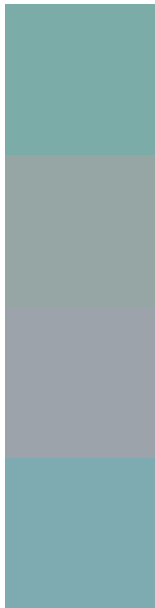
Protanopia
67, 1.144, 19.096

Deuteranopia
67, 9.426, 330.623



Tritanopia
67, 15.991, 225.216

Trichromacy



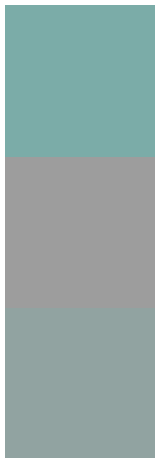
Original Color
67, 17.376, 190.604

Protanomaly
67, 6.069, 188.438

Deuteranomaly
67, 4.614, 256.531

Tritanomaly
67, 15.772, 212.491

Monochromacy



Original Color
67, 17.376, 190.604

Achromatopsia
65, 0.008, 296.813

Achromatomaly
66, 6.803, 189.460

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 17.376, 190.604 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(123, 172, 168)` looks like.

```
.text, #text, p{  
    color:rgb(123, 172, 168)  
}
```

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(123, 172, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 172, 168) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 17.376, 190.604 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(123, 172, 168) }
```

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

```
.border{ border-color:rgb(123, 172, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 172, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 172, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 172, 168);  
box-shadow:4px 4px 4px 4px rgb(123, 172,  
168) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 17.376, 190.604 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 172, 168) }
```

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

```
.background{ background-color: rgb(123,  
172, 168) }
```

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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