

Converting Colors

CIELCh(67, 17.753, 186.114)

Have a look what the booklet for
CIELCh(67, 17.753, 186.114)
contains.

CIELCh(67, 17.673, 187.051)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(67, 17.673, 187.051)

Conversions

Conversions Part 1

Format	Color
Hex	7BACA6
RGB	123, 172, 166
RGB Percent	48%, 67%, 65%
CMY	0.5164, 0.3242, 0.3477
CMYK	0.28, 0.00, 0.03, 0.32
HSL	173°, 23%, 58%
HSV	173°, 28%, 68%
XYZ	29.9437, 36.6320, 41.7276
YIQ	156.6650, -27.2780, -12.2540

Conversions

Conversions Part 2

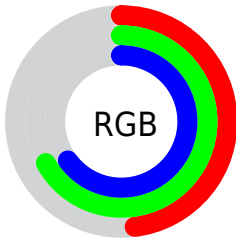
Format	Color
RYB	123, 149, 172
Decimal	8105126
CIELab	67.00, -17.54, -2.17
CIElCh	67, 17.673, 187.051
Yxy	36.6320, 0.2765, 0.3382
Android (android.graphics.Color)	4286295206 (0xFF7BACA6)
YUV	156.6650, 4.6022, -29.5242
Hunter-Lab	60.5244, -17.6069, 1.4904

Details

The CIELCh color **67, 17.673, 187.051** is a light color, and the websafe version is hex **669999**. A complement of this color would be **57, 20.427, 12.227**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **87, 17.831, 186.292**, and **47, 17.914, 185.941** is the 20% darker color. If you saturate the color by 10%, you get **66, 23.140, 186.184**, and if you desaturate by 10%, it is **68, 11.754, 187.890**.

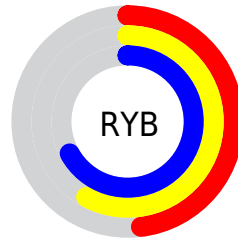
Distribution



Red (48%)

Green (67%)

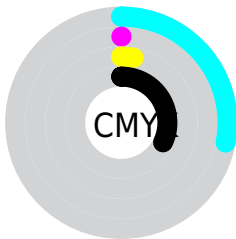
Blue (65%)



Red (48%)

Yellow (58%)

Blue (67%)

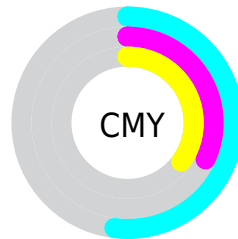


Cyan (28%)

Magenta (0%)

Yellow (3%)

Black (32%)



Cyan (52%)


Magenta (32%)


Yellow (35%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 67, 17.673, 187.051 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, 17.673, 187.051 by changing the saturation by 10% instead.


 67, 17.673,
187.051


 67, 17.673,
187.051


 100, 17.673,
187.051


 57, 17.673,
187.051


 87, 17.673,
187.051

 47, 17.673,
187.051

 97, 17.673,
187.051

 37, 17.673,
187.051

 27, 17.673,
187.051

 17, 17.673,
187.051

 7, 17.673, 187.051

 0, 17.673, 187.051

67, 17.673,
187.051

67, 17.673,
187.051

66, 23.140,
186.184

68, 11.754,
187.890

65, 28.045,
185.286

69, 5.486, 188.744

65, 32.294,
184.340

71, 1.032, 8.988

72, 7.714, 10.162

64, 35.810,
183.329

74, 14.488, 10.951

64, 38.555,
182.234

76, 21.295, 11.707

77, 28.091, 12.444

63, 40.539,
181.035

79, 32.436, 12.203

63, 41.889,
179.738

79, 32.502, 10.248

63, 42.085,

179.538

Harmonies

Complementary

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



67, 17.673, 187.051



57, 20.427, 12.227

Rectangle

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



67, 17.673, 187.051



67, 17.673, 237.051



67, 17.673, 7.051



67, 17.673, 57.051

Sweetspot

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



67, 17.674, 187.048



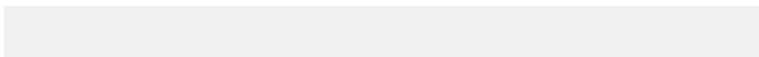
88, 7.242, 188.680



66, 31.667, 139.176



46, 5.013, 188.556



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, 17.674, 187.048



84, 25.701, 186.519



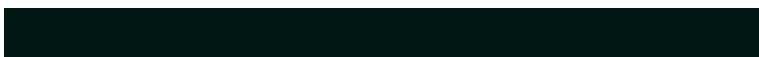
62, 14.429, 243.326



36, 3.693, 188.667



56, 38.023, 179.699



6, 8.069, 185.351

Inverse Universe

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



57, 20.427, 12.227



69, 30.763, 13.115



61, 16.616, 57.325



34, 3.861, 10.047



31, 65.385, 33.798



2, 7.899, 11.151

Previews

White Background



This preview shows how the CIELCh color 67, 17.673, 187.051 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, 17.673, 187.051 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

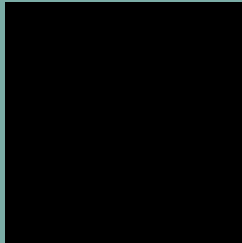
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

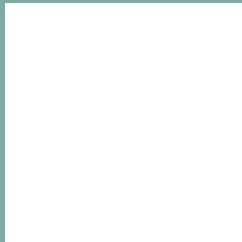
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 67, 17.673, 187.051

Background



This preview shows how black text looks on a background with the CIELCh color 67, 17.673, 187.051.

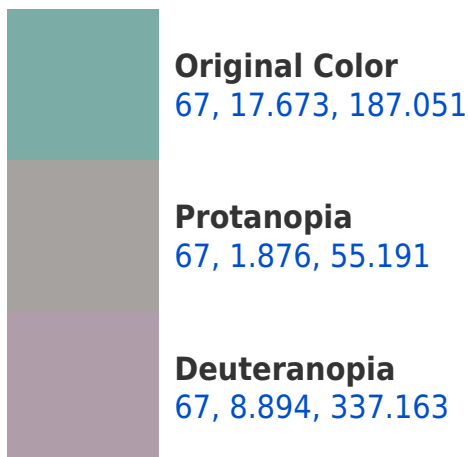


This preview shows how white text looks on a background with the CIELCh color 67, 17.673, 187.051.

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, 15.991, 225.216

Trichromacy



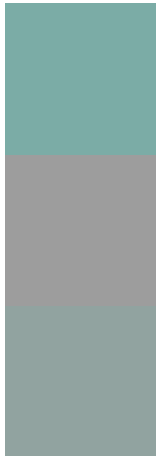
Original Color
67, 17.673, 187.051

Protanomaly
67, 6.409, 178.718

Deuteranomaly
67, 3.760, 246.791

Tritanomaly
67, 15.709, 210.452

Monochromacy



Original Color
67, 17.673, 187.051

Achromatopsia
65, 0.008, 296.813

Achromatomaly
66, 6.942, 184.955

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 17.673, 187.051 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, 166)` looks like.

```
.text, #text, p{  
    color:rgb(123, 172, 166)  
}
```

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, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 172, 166) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 17.673, 187.051 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, 166) }
```

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

```
.border{ border-color:rgb(123, 172, 166) }
```

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, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 172, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 172, 166);  
box-shadow:4px 4px 4px 4px rgb(123, 172,  
166) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 17.673, 187.051 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, 166) }
```

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

```
.background{ background-color: rgb(123,  
172, 166) }
```

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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