

Converting Colors

CIELCh(68, 10.360, 174.726)

Have a look what the booklet for
CIELCh(68, 10.360, 174.726)
contains.

CIELCh(68, 10.079, 176.057)	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(68, 10.079, 176.057)

Conversions

Conversions Part 1

Format	Color
Hex	92ABA4
RGB	146, 171, 164
RGB Percent	57%, 67%, 64%
CMY	0.4270, 0.3290, 0.3564
CMYK	0.15, 0.00, 0.04, 0.33
HSL	163°, 13%, 62%
HSV	163°, 15%, 67%
XYZ	33.1671, 37.9720, 40.7544
YIQ	162.7270, -12.6530, -7.4770

Conversions

Conversions Part 2

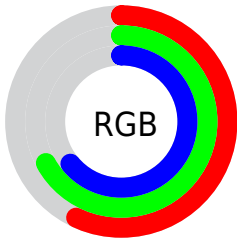
Format	Color
RYB	146, 161, 171
Decimal	9612196
CIELab	68.00, -10.06, 0.69
CIELCh	68, 10.079, 176.057
Yxy	37.9720, 0.2964, 0.3394
Android (android.graphics.Color)	4287802276 (0xFF92ABA4)
YUV	162.7270, 0.6276, -14.6696
Hunter-Lab	61.6215, -11.7618, 3.9226

Details

The CIELCh color **68, 10.079, 176.057** is a light color, and the websafe version is hex **999999**. A complement of this color would be **63, 10.536, 358.737**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **88, 9.917, 177.114**, and **48, 10.353, 174.741** is the 20% darker color. If you saturate the color by 10%, you get **67, 16.761, 175.036**, and if you desaturate by 10%, it is **69, 3.207, 177.076**.

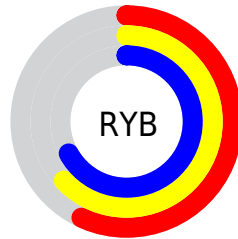
Distribution



Red (57%)

Green (67%)

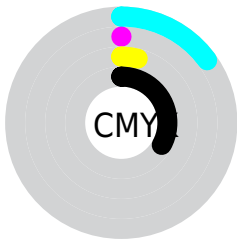
Blue (64%)



Red (57%)

Yellow (63%)

Blue (67%)

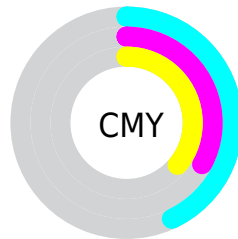


Cyan (15%)

Magenta (0%)

Yellow (4%)

Black (33%)



Cyan (43%)


Magenta (33%)


Yellow (36%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 68, 10.079, 176.057 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, 10.079, 176.057 by changing the saturation by 10% instead.


 68, 10.079,
176.057


 68, 10.079,
176.057


 100, 10.079,
176.057


 58, 10.079,
176.057


 88, 10.079,
176.057

 48, 10.079,
176.057

 98, 10.079,
176.057

 38, 10.079,
176.057

 28, 10.079,
176.057

 18, 10.079,
176.057

 8, 10.079, 176.057

 0, 10.079, 176.057

68, 10.079,
176.057

68, 10.079,
176.057

67, 16.761,
175.036

69, 3.207, 177.076

66, 23.144,
173.950

71, 3.771, 357.705

65, 29.117,
172.771

72, 10.777,
358.611

64, 34.568,
171.475

74, 17.755,
359.419

63, 39.396,
170.039

76, 24.658, 0.182

63, 43.530,
168.439

78, 31.457, 0.912

63, 46.940,
166.656

79, 34.334,
358.584

62, 49.660,

79, 35.166,
354.676

79, 36.168,

164.682

350.981

■ 62, 50.979,
163.608

Harmonies

Complementary

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



68, 10.079, 176.057



63, 10.536, 358.737

Rectangle

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



68, 10.079, 176.057



68, 10.079, 226.057



68, 10.079, 356.057



68, 10.079, 46.057

Sweetspot

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



68, 10.080, 176.052



88, 3.435, 177.143



68, 15.417, 135.627



47, 2.460, 177.053



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



68, 10.080, 176.052



85, 15.273, 175.682



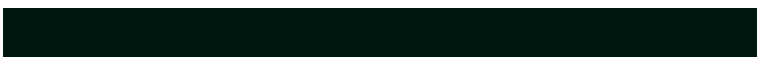
67, 7.638, 222.070



36, 3.967, 176.578



55, 46.205, 163.848



6, 8.895, 171.454

Inverse Universe

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



63, 10.536, 358.737



78, 16.149, 359.155



64, 8.365, 41.017



34, 4.081, 358.164



31, 59.400, 21.876



2, 8.254, 1.102

Previews

White Background



This preview shows how the CIELCh color 68, 10.079, 176.057 looks on a white background.

Color Contrast Check

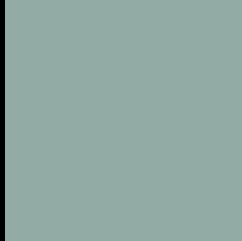
Large Text (above 18pt) WCAG AA × Fail

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 68, 10.079, 176.057 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

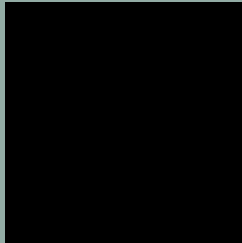
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

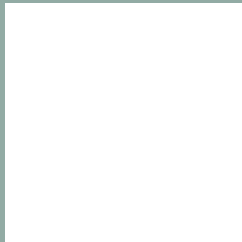
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 68, 10.079, 176.057

Background



This preview shows how black text looks on a background with the CIELCh color 68, 10.079, 176.057.



This preview shows how white text looks on a background with the CIELCh color 68, 10.079, 176.057.

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, 10.079, 176.057

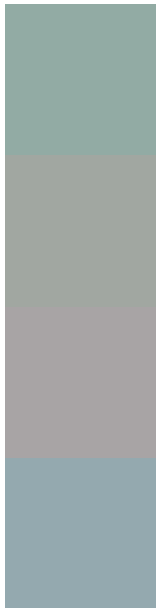
Protanopia
68, 3.131, 80.440

Deuteranopia
68, 8.726, 358.017



Tritanopia
68, 10.091, 249.126

Trichromacy



Original Color
68, 10.079, 176.057

Protanomaly
68, 4.029, 144.300

Deuteranomaly
68, 1.626, 359.465

Tritanomaly
68, 8.176, 222.809

Monochromacy



Original Color
68, 10.079, 176.057

Achromatopsia
67, 0.008, 296.813

Achromatomaly
67, 3.790, 173.316

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 10.079, 176.057 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(146, 171, 164)` looks like.

```
.text, #text, p{  
    color:rgb(146, 171, 164)  
}
```

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(146, 171, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 171, 164) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 10.079, 176.057 is called "border". The border property can be set on classes, ids or directly on the HTML element.

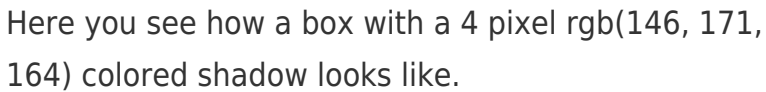
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(146, 171, 164) }
```

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

```
.border{ border-color:rgb(146, 171, 164) }
```

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



Here you see how a box with a 4 pixel `rgb(146, 171, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(146, 171, 164); -webkit-box-shadow:4px 4px 4px 4px rgb(146, 171, 164); box-shadow:4px 4px 4px 4px rgb(146, 171, 164) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 10.079, 176.057 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 171, 164) }
```

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

```
.background{ background-color: rgb(146,  
171, 164) }
```

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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