

Converting Colors

CIELCh(67, 8.680, 197.647)

Have a look what the booklet for
CIELCh(67, 8.680, 197.647) contains.

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Color

CIELCh(67, 8.800, 195.086)

Conversions

Conversions Part 1

Format	Color
Hex	90A8A7
RGB	144, 168, 167
RGB Percent	56%, 66%, 65%
CMY	0.4360, 0.3419, 0.3458
CMYK	0.14, 0.00, 0.01, 0.34
HSL	177°, 12%, 61%
HSV	177°, 14%, 66%
XYZ	32.3953, 36.6320, 41.8319
YIQ	160.7100, -13.9830, -5.3990

Conversions

Conversions Part 2

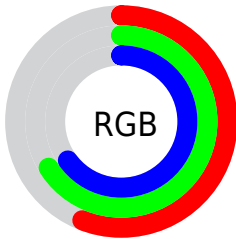
Format	Color
RYB	144, 156, 168
Decimal	9480359
CIELab	67.00, -8.50, -2.29
CIElCh	67, 8.800, 195.086
Yxy	36.6320, 0.2922, 0.3304
Android (android.graphics.Color)	4287670439 (0xFF90A8A7)
YUV	160.7100, 3.1010, -14.6547
Hunter-Lab	60.5244, -10.3765, 1.3883

Details

The CIELCh color $67, 8.800, 195.086$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $62, 9.564, 16.969$, and the grayscale version is $66, 0.008, 296.813$.

A 20% lighter version of the original color is $87, 8.753, 195.421$, and $47, 8.907, 194.611$ is the 20% darker color. If you saturate the color by 10%, you get $66, 14.538, 194.440$, and if you desaturate by 10%, it is $68, 2.706, 195.834$.

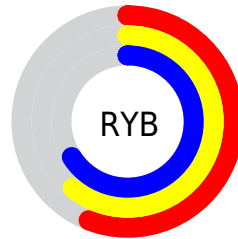
Distribution



Red (56%)

Green (66%)

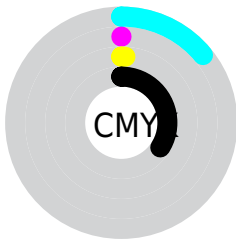
Blue (65%)



Red (56%)

Yellow (61%)

Blue (66%)

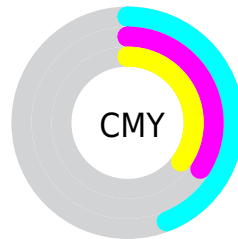


Cyan (14%)

Magenta (0%)

Yellow (1%)

Black (34%)



Cyan (44%)

Magenta (34%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 8.800, 195.086 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, 8.800, 195.086 by changing the saturation by 10% instead.

■ 67, 8.800, 195.086

■ 67, 8.800, 195.086

■ 100, 8.800,
195.086

■ 57, 8.800, 195.086

■ 87, 8.800, 195.086

■ 47, 8.800, 195.086

■ 97, 8.800, 195.086

■ 37, 8.800, 195.086

■ 27, 8.800, 195.086

■ 17, 8.800, 195.086

■ 7, 8.800, 195.086

■ 0, 8.800, 195.086

■ 67, 8.800, 195.086

■ 67, 8.800, 195.086

■ 66, 14.538,

■ 68, 2.706, 195.834

194.440

70, 3.654, 16.173

65, 19.818,
193.835

71, 10.198, 16.915

64, 24.540,
193.255

73, 16.857, 17.598

63, 28.611,
192.696

74, 23.575, 18.272

63, 31.959,
192.154

77, 34.498, 19.126

63, 34.539,
191.620

77, 34.464, 18.515

62, 36.350,
191.085

77, 34.434, 17.903

62, 37.443,
190.537

62, 37.891,
190.223

Harmonies

Complementary

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



67, 8.800, 195.086



62, 9.564, 16.969

Rectangle

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



67, 8.800, 195.086



67, 8.800, 245.086



67, 8.800, 15.086



67, 8.800, 65.086

Sweetspot

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



67, 8.801, 195.077



87, 3.130, 195.858



66, 15.968, 142.309



46, 2.218, 195.783



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



67, 8.801, 195.077



85, 12.905, 194.881



64, 7.608, 251.665



35, 3.533, 195.422



55, 34.519, 190.284



5, 6.603, 194.576

Inverse Universe

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



62, 9.564, 16.969



77, 14.289, 17.252



65, 7.973, 68.169



33, 3.726, 16.524



30, 67.546, 37.676



1, 6.586, 16.415

Previews

White Background



This preview shows how the CIELCh color 67, 8.800, 195.086 looks on a white background.

Color Contrast Check

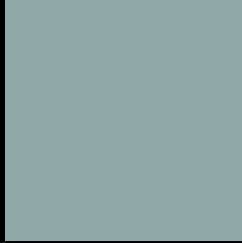
Large Text (above 18pt) WCAG AA × Fail

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, 8.800, 195.086 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

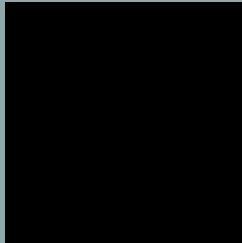
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

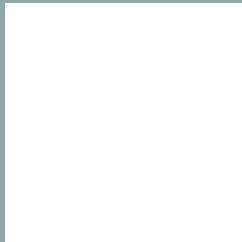
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 67, 8.800, 195.086

Background



This preview shows how black text looks on a background with the CIELCh color 67, 8.800, 195.086.

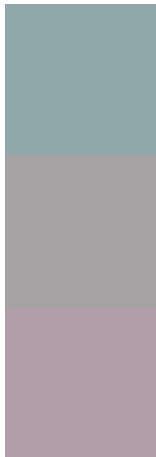


This preview shows how white text looks on a background with the CIELCh color 67, 8.800, 195.086.

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, 8.800, 195.086

Protanopia
67, 1.278, 353.538

Deuteranopia
67, 9.175, 338.837



Tritanopia
67, 9.952, 245.385

Trichromacy



Original Color
67, 8.800, 195.086

Protanomaly
67, 2.627, 199.355

Deuteranomaly
67, 3.416, 303.222

Tritanomaly
67, 8.929, 228.635

Monochromacy



Original Color
67, 8.800, 195.086

Achromatopsia
66, 0.008, 296.813

Achromatomaly
66, 3.001, 199.297

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 8.800, 195.086 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(144, 168, 167)` looks like.

```
.text, #text, p{  
    color:rgb(144, 168, 167)  
}
```

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(144, 168, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 168, 167) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 8.800, 195.086 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(144, 168, 167) }
```

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

```
.border{ border-color:rgb(144, 168, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 168, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 168, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 168, 167);  
box-shadow:4px 4px 4px 4px rgb(144, 168,  
167) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 8.800, 195.086 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 168, 167) }
```

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

```
.background{ background-color: rgb(144,  
168, 167) }
```

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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