

Converting Colors

CIELCh(57, 16.903, 221.391)

Have a look what the booklet for
CIELCh(57, 16.903, 221.391)
contains.

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Color

CIELCh(57, 17.068, 221.913)

Conversions

Conversions Part 1

Format	Color
Hex	61909C
RGB	97, 144, 156
RGB Percent	38%, 56%, 61%
CMY	0.6193, 0.4349, 0.3879
CMYK	0.38, 0.08, 0.00, 0.39
HSL	192°, 23%, 50%
HSV	192°, 38%, 61%
XYZ	20.9339, 24.9227, 35.1994
YIQ	131.3150, -31.8640, -6.2320

Conversions

Conversions Part 2

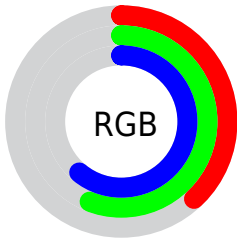
Format	Color
R _Y B	97, 123, 156
Decimal	6394012
CIE Lab	57.00, -12.70, -11.40
CIE LCh	57, 17.068, 221.913
Yxy	24.9227, 0.2583, 0.3075
Android (android.graphics.Color)	4284584092 (0xFF61909C)
YUV	131.3150, 12.1697, -30.0943
Hunter-Lab	49.9226, -12.5147, -6.8583

Details

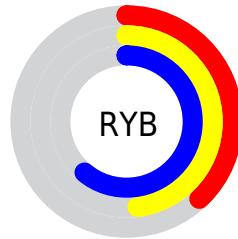
The CIELCh color **57, 17.068, 221.913** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **51, 22.213, 39.677**, and the grayscale version is **55, 0.007, 296.813**.

A 20% lighter version of the original color is **77, 16.998, 220.765**, and **37, 17.082, 221.274** is the 20% darker color. If you saturate the color by 10%, you get **55, 20.644, 222.985**, and if you desaturate by 10%, it is **59, 13.032, 221.115**.

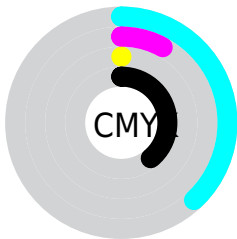
Distribution



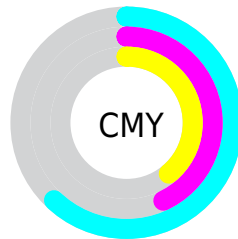
- Red (38%)
- Green (56%)
- Blue (61%)



- Red (38%)
- Yellow (48%)
- Blue (61%)



- Cyan (38%)
- Magenta (8%)
- Yellow (0%)
- Black (39%)





- Cyan (62%)
- Magenta (43%)
- Yellow (39%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 57, 17.068, 221.913 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 57, 17.068, 221.913 by changing the saturation by 10% instead.


 57, 17.068,
221.913


 57, 17.068,
221.913


 100, 17.068,
221.913


 47, 17.068,
221.913


 77, 17.068,
221.913

 37, 17.068,
221.913

 87, 17.068,
221.913

 27, 17.068,
221.913

 97, 17.068,
221.913

 17, 17.068,
221.913

 7, 17.068, 221.913

 0, 17.068, 221.913

■ 57, 17.068,
221.913

■ 57, 17.068,
221.913

■ 55, 20.644,
222.985

■ 59, 13.032,
221.115

■ 54, 23.696,
224.406

■ 61, 8.610, 220.550

■ 63, 3.873, 220.205

■ 52, 26.174,
226.247

■ 65, 1.114, 39.412

■ 51, 28.060,
228.588

■ 67, 6.293, 39.580

■ 50, 29.381,
231.504

■ 69, 11.617, 39.530

■ 72, 17.043, 39.523

■ 48, 30.269,
234.968

■ 74, 22.539, 39.558

■ 48, 30.462,
235.736

■ 76, 28.079, 39.626

Harmonies

Complementary

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



57, 17.068, 221.913



51, 22.213, 39.677

Rectangle

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



57, 17.068, 221.913



57, 17.068, 271.913



57, 17.068, 41.913



57, 17.068, 91.913

Sweetspot

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



57, 17.068, 221.910



79, 6.736, 220.293



59, 35.060, 147.551



41, 4.501, 220.334



91, 0.011, 296.813



43, 0.006, 296.813

Same Dimension

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



57, 17.068, 221.910



71, 24.391, 222.755



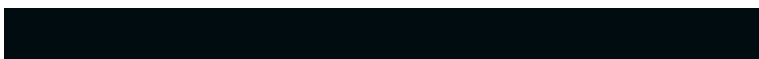
48, 24.765, 279.640



32, 2.827, 220.238



44, 28.521, 235.402



3, 3.728, 223.745

Inverse Universe

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



49, 35.102, 333.063



60, 51.460, 333.626



58, 24.566, 88.977



31, 5.300, 331.180



32, 64.300, 338.111



1, 6.731, 331.817

Previews

White Background



This preview shows how the CIELCh color 57, 17.068, 221.913 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 57, 17.068, 221.913 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

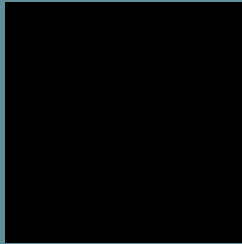
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 57, 17.068, 221.913

Background



This preview shows how black text looks on a background with the CIELCh color 57, 17.068, 221.913.

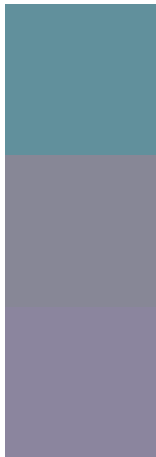


This preview shows how white text looks on a background with the CIELCh color 57, 17.068, 221.913.

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
57, 17.068, 221.913

Protanopia
57, 8.574, 291.190

Deuteranopia
57, 14.510, 300.598



Tritanopia
57, 17.068, 221.913

Trichromacy



Original Color
57, 17.068, 221.913

Protanomaly
57, 9.959, 252.737

Deuteranomaly
57, 12.215, 268.992

Tritanomaly
57, 17.068, 221.913

Monochromacy



Original Color
57, 17.068, 221.913

Achromatopsia
55, 0.007, 296.813

Achromatomaly
56, 6.738, 218.839

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 17.068, 221.913 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(97, 144, 156)` looks like.

```
.text, #text, p{  
    color:rgb(97, 144, 156)  
}
```

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(97, 144, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 144, 156) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 17.068, 221.913 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(97, 144, 156) }
```

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

```
.border{ border-color:rgb(97, 144, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 144, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 144, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 144, 156);  
box-shadow:4px 4px 4px 4px rgb(97, 144,  
156) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 17.068, 221.913 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 144, 156) }
```

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

```
.background{ background-color: rgb(97, 144,  
156) }
```

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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