

Converting Colors

CIELCh(67, 5.957, 178.754)

Have a look what the booklet for
CIELCh(67, 5.957, 178.754) contains.

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Color

CIELCh(67, 5.866, 182.537)

Conversions

Conversions Part 1

Format	Color
Hex	97A6A3
RGB	151, 166, 163
RGB Percent	59%, 65%, 64%
CMY	0.4068, 0.3479, 0.3597
CMYK	0.09, 0.00, 0.02, 0.35
HSL	168°, 8%, 62%
HSV	168°, 9%, 65%
XYZ	33.1345, 36.6320, 40.1035
YIQ	161.1730, -7.9770, -4.1130

Conversions

Conversions Part 2

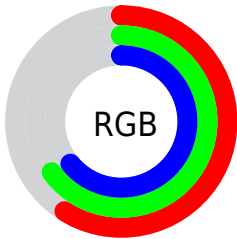
Format	Color
RYB	151, 159, 166
Decimal	9938595
CIELab	67.00, -5.86, -0.26
CIELCh	67, 5.866, 182.537
Yxy	36.6320, 0.3016, 0.3334
Android (android.graphics.Color)	4288128675 (0xFF97A6A3)
YUV	161.1730, 0.9007, -8.9217
Hunter-Lab	60.5244, -8.1965, 3.0814

Details

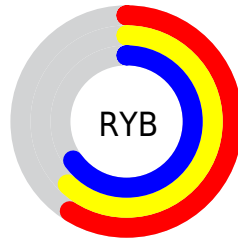
The CIELCh color $67, 5.866, 182.537$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $64, 6.077, 3.994$, and the grayscale version is $66, 0.008, 296.813$.

A 20% lighter version of the original color is $87, 5.911, 183.666$, and $47, 5.880, 181.171$ is the 20% darker color. If you saturate the color by 10%, you get $66, 12.187, 181.576$, and if you desaturate by 10%, it is $68, 0.644, 2.630$.

Distribution



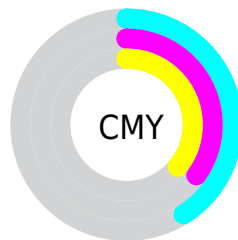
- Red (59%)
- Green (65%)
- Blue (64%)



- Red (59%)
- Yellow (62%)
- Blue (65%)



- Cyan (9%)
- Magenta (0%)
- Yellow (2%)
- Black (35%)



- Cyan (41%)
- Magenta (35%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 5.866, 182.537 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, 5.866, 182.537 by changing the saturation by 10% instead.

■ 67, 5.866, 182.537

■ 67, 5.866, 182.537

■ 100, 5.866,
182.537

■ 57, 5.866, 182.537

■ 87, 5.866, 182.537

■ 47, 5.866, 182.537

■ 97, 5.866, 182.537

■ 37, 5.866, 182.537

■ 27, 5.866, 182.537

■ 17, 5.866, 182.537

■ 7, 5.866, 182.537

■ 0, 5.866, 182.537

■ 67, 5.866, 182.537

■ 67, 5.866, 182.537

■ 66, 12.187,

■ 68, 0.644, 2.630

181.576

70, 7.266, 4.094

65, 18.220,
180.602

71, 13.931, 4.927

64, 23.863,
179.573

73, 20.587, 5.715

63, 29.009,
178.469

75, 27.193, 6.472

62, 33.559,
177.271

77, 35.456, 5.233

62, 37.432,
175.956

77, 35.792, 2.468

78, 36.218,
359.767

61, 40.585,
174.503

61, 43.020,
172.892

61, 44.883,
171.153

Harmonies

Complementary

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



67, 5.866, 182.537



64, 6.077, 3.994

Rectangle

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



67, 5.866, 182.537



67, 5.866, 232.537



67, 5.866, 2.537



67, 5.866, 52.537

Sweetspot

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



67, 5.867, 182.526



86, 2.434, 183.197



67, 9.464, 137.928



46, 1.859, 183.083



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, 5.867, 182.526



85, 8.848, 182.317



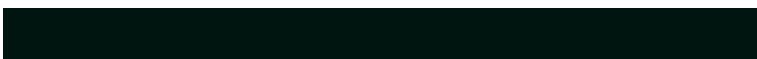
66, 4.585, 230.189



35, 3.714, 182.500



55, 41.246, 171.181



5, 7.061, 178.701

Inverse Universe

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



64, 6.077, 3.994



80, 9.241, 4.225



65, 4.814, 48.892



33, 3.851, 4.022



30, 61.355, 28.385



1, 6.797, 5.386

Previews

White Background



This preview shows how the CIELCh color 67, 5.866, 182.537 looks on a white background.

Color Contrast Check

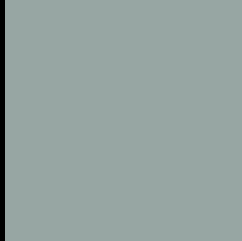
Large Text (above 18pt) WCAG AA × Fail

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, 5.866, 182.537 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

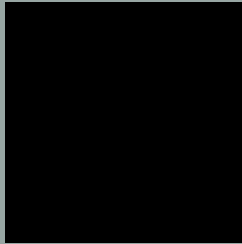
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

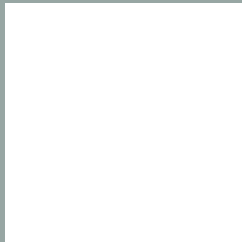
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 67, 5.866, 182.537

Background



This preview shows how black text looks on a background with the CIELCh color 67, 5.866, 182.537.



This preview shows how white text looks on a background with the CIELCh color 67, 5.866, 182.537.

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, 5.866, 182.537

Protanopia
67, 1.619, 39.125

Deuteranopia
67, 8.263, 352.337



Tritanopia
67, 7.966, 263.934

Trichromacy



Original Color
67, 5.866, 182.537

Protanomaly
67, 1.589, 155.731

Deuteranomaly
67, 3.157, 347.924

Tritanomaly
67, 5.785, 241.233

Monochromacy



Original Color
67, 5.866, 182.537

Achromatopsia
66, 0.008, 296.813

Achromatomaly
66, 2.336, 185.708

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 5.866, 182.537 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(151, 166, 163)` looks like.

```
.text, #text, p{  
    color:rgb(151, 166, 163)  
}
```

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(151, 166, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 166, 163) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 5.866, 182.537 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(151, 166, 163) }
```

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

```
.border{ border-color:rgb(151, 166, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 166, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 166, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 166, 163);  
box-shadow:4px 4px 4px 4px rgb(151, 166,  
163) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 5.866, 182.537 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 166, 163) }
```

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

```
.background{ background-color: rgb(151,  
166, 163) }
```

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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