

Converting Colors

CIELCh(67, 3.675, 156.167)

Have a look what the booklet for
CIELCh(67, 3.675, 156.167) contains.

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Color

CIELCh(67, 3.850, 153.511)

Conversions

Conversions Part 1

Format	Color
Hex	9EA5A0
RGB	158, 165, 160
RGB Percent	62%, 65%, 63%
CMY	0.3811, 0.3536, 0.3732
CMYK	0.04, 0.00, 0.03, 0.35
HSL	137°, 4%, 63%
HSV	137°, 4%, 65%
XYZ	33.8212, 36.6320, 38.4673
YIQ	162.3370, -2.5670, -3.0390

Conversions

Conversions Part 2

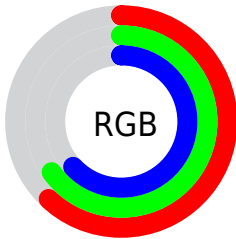
Format	Color
RYB	158, 163, 165
Decimal	10397088
CIELab	67.00, -3.45, 1.72
CIElCh	67, 3.850, 153.511
Yxy	36.6320, 0.3105, 0.3363
Android (android.graphics.Color)	4288587168 (0xFF9EA5A0)
YUV	162.3370, -1.1521, -3.8035
Hunter-Lab	60.5244, -6.1713, 4.6843

Details

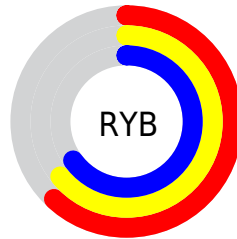
The CIELCh color $67, 3.850, 153.511$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $66, 3.871, 333.914$, and the grayscale version is $67, 0.008, 296.813$.

A 20% lighter version of the original color is $87, 3.645, 153.601$, and $47, 3.416, 155.378$ is the 20% darker color. If you saturate the color by 10%, you get $66, 12.998, 152.730$, and if you desaturate by 10%, it is $69, 5.192, 334.011$.

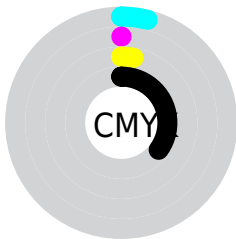
Distribution



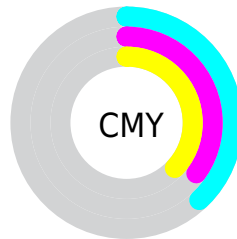
- Red (62%)
- Green (65%)
- Blue (63%)



- Red (62%)
- Yellow (64%)
- Blue (65%)



- Cyan (4%)
- Magenta (0%)
- Yellow (3%)
- Black (35%)



- Cyan (38%)
- Magenta (35%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 3.850, 153.511 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, 3.850, 153.511 by changing the saturation by 10% instead.

■ 67, 3.850, 153.511

■ 67, 3.850, 153.511

■ 100, 3.850,
153.511

■ 57, 3.850, 153.511

■ 87, 3.850, 153.511

■ 47, 3.850, 153.511

■ 97, 3.850, 153.511

■ 37, 3.850, 153.511

■ 27, 3.850, 153.511

■ 17, 3.850, 153.511

■ 7, 3.850, 153.511

■ 0, 3.850, 153.511

■ 67, 3.850, 153.511

■ 67, 3.850, 153.511

■ 66, 12.998,

■ 69, 5.192, 334.011

152.730

70, 14.065,
334.607

64, 22.154,
151.892

72, 22.718,
335.114

63, 31.199,
150.936

74, 31.125,
335.565

62, 39.986,
149.837

76, 39.267,
335.970

61, 48.351,
148.577

78, 46.759,
335.717

60, 56.120,
147.142

79, 51.119,
330.733

60, 63.129,
145.531

79, 55.837,
326.660

59, 69.242,
143.765

79, 56.237,
326.360

59, 74.365,
141.897

Harmonies

Complementary

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



67, 3.850, 153.511



66, 3.871, 333.914

Rectangle

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



67, 3.850, 153.511



67, 3.850, 203.511



67, 3.850, 333.511



67, 3.850, 23.511

Sweetspot

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



67, 3.852, 153.507



85, 1.114, 153.962



67, 3.929, 120.942



45, 0.632, 153.985



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



67, 3.852, 153.507



85, 5.616, 153.437



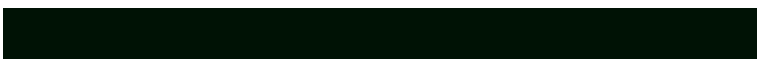
67, 2.775, 181.774



34, 3.057, 153.400



52, 69.807, 141.116



4, 8.087, 152.673

Inverse Universe

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



66, 3.871, 333.914



83, 5.642, 333.982



66, 2.824, 2.214



33, 3.070, 334.018



32, 61.507, 343.453



1, 7.614, 336.025

Previews

White Background



This preview shows how the CIELCh color 67, 3.850, 153.511 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, 3.850, 153.511 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

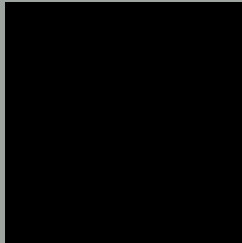
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

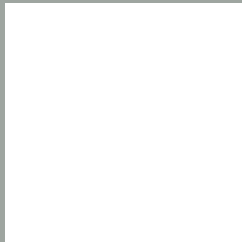
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 67, 3.850, 153.511

Background



This preview shows how black text looks on a background with the CIELCh color 67, 3.850, 153.511.



This preview shows how white text looks on a background with the CIELCh color 67, 3.850, 153.511.

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, 3.850, 153.511

Protanopia
67, 2.912, 68.455

Deuteranopia
67, 8.310, 8.698



Tritanopia
67, 7.215, 285.099

Trichromacy



Original Color
67, 3.850, 153.511

Protanomaly
67, 2.226, 100.008

Deuteranomaly
67, 4.272, 12.285

Tritanomaly
67, 3.614, 266.244

Monochromacy



Original Color
67, 3.850, 153.511

Achromatopsia
67, 0.008, 296.813

Achromatomaly
67, 1.591, 155.729

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 3.850, 153.511 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(158, 165, 160)` looks like.

```
.text, #text, p{  
    color:rgb(158, 165, 160)  
}
```

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(158, 165, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 165, 160) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 3.850, 153.511 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(158, 165, 160) }
```

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

```
.border{ border-color:rgb(158, 165, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 165, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 165, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 165, 160);  
box-shadow:4px 4px 4px 4px rgb(158, 165,  
160) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 3.850, 153.511 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 165, 160) }
```

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

```
.background{ background-color: rgb(158,  
165, 160) }
```

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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