

Converting Colors

CIELCh(63, 3.484, 6.120)

Have a look what the booklet for
CIELCh(63, 3.484, 6.120) contains.

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Color

CIELCh(63, 3.675, 1.967)

Conversions

Conversions Part 1

Format	Color
Hex	9F9698
RGB	159, 150, 152
RGB Percent	62%, 59%, 60%
CMY	0.3753, 0.4106, 0.4027
CMYK	0.00, 0.06, 0.04, 0.38
HSL	347°, 4%, 61%
HSV	347°, 6%, 62%
XYZ	31.0044, 31.5869, 34.2973
YIQ	152.9190, 4.7220, 2.5300

Conversions

Conversions Part 2

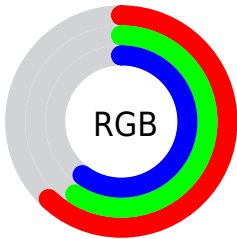
Format	Color
RYB	159, 150, 152
Decimal	10458776
CIELab	63.00, 3.67, 0.13
CIELCh	63, 3.675, 1.967
Yxy	31.5869, 0.3200, 0.3260
Android (android.graphics.Color)	4288648856 (0xFF9F9698)
YUV	152.9190, -0.4531, 5.3330
Hunter-Lab	56.2022, 0.1170, 3.1599

Details

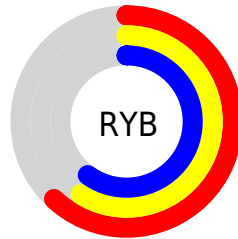
The CIELCh color $63, 3.675, 1.967$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $65, 3.596, 181.212$, and the grayscale version is $63, 0.008, 296.813$.

A 20% lighter version of the original color is $83, 3.821, 3.534$, and $43, 3.963, 2.226$ is the 20% darker color. If you saturate the color by 10%, you get $58, 10.423, 3.069$, and if you desaturate by 10%, it is $68, 2.749, 181.383$.

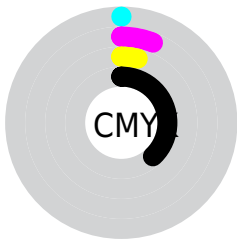
Distribution



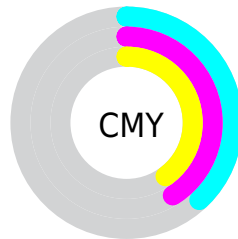
- Red (62%)
- Green (59%)
- Blue (60%)



- Red (62%)
- Yellow (59%)
- Blue (60%)



- Cyan (0%)
- Magenta (6%)
- Yellow (4%)
- Black (38%)



- Cyan (38%)
- Magenta (41%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 63, 3.675, 1.967 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 63, 3.675, 1.967 by changing the saturation by 10% instead.

 63, 3.675, 1.967

 63, 3.675, 1.967

 100, 3.675, 1.967

 53, 3.675, 1.967

 83, 3.675, 1.967

 43, 3.675, 1.967

 93, 3.675, 1.967

 33, 3.675, 1.967

 23, 3.675, 1.967

 13, 3.675, 1.967

 3, 3.675, 1.967

 0, 3.675, 1.967

 63, 3.675, 1.967

 63, 3.675, 1.967

 58, 10.423, 3.069

 68, 2.749, 181.383

54, 17.469, 4.272

72, 8.841, 180.513

50, 24.737, 5.701

77, 14.616,
179.817

46, 32.094, 7.439

82, 20.094,
179.204

42, 39.332, 9.596

39, 46.184, 12.307

86, 25.303,
178.652

36, 52.366, 15.722

91, 30.266,
178.152

35, 57.682, 19.957

33, 62.159, 24.950

94, 31.846,
182.388

94, 29.902,
194.034

94, 29.569,
197.596

Harmonies

Complementary

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



63, 3.675, 1.967



65, 3.596, 181.212

Rectangle

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



63, 3.675, 1.967



63, 3.675, 51.967



63, 3.675, 181.967



63, 3.675, 231.967

Sweetspot

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



63, 3.673, 1.985



82, 1.594, 1.448



63, 5.711, 318.013



44, 0.914, 1.417



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

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



63, 3.673, 1.985



79, 5.643, 2.149



64, 2.885, 47.014



32, 2.935, 2.177



29, 58.921, 26.485



1, 4.695, 2.447

Inverse Universe

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



63, 3.673, 1.985



79, 5.643, 2.149



64, 2.801, 227.918



32, 2.935, 2.177



29, 58.921, 26.485



1, 4.695, 2.447

Previews

White Background



This preview shows how the CIELCh color 63, 3.675, 1.967 looks on a white background.

Color Contrast Check

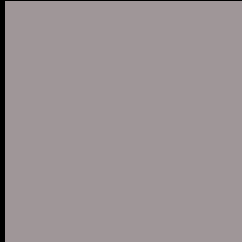
Large Text (above 18pt) WCAG AA × Fail

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 63, 3.675, 1.967 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

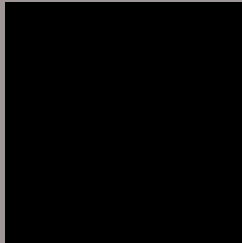
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

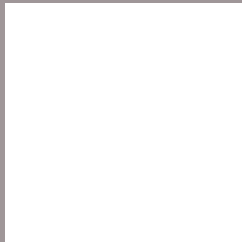
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 63, 3.675, 1.967

Background



This preview shows how black text looks on a background with the CIELCh color 63, 3.675, 1.967.

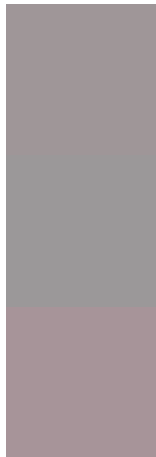


This preview shows how white text looks on a background with the CIELCh color 63, 3.675, 1.967.

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

63, 3.675, 1.967

Protanopia

63, 1.292, 353.565

Deuteranopia

63, 7.927, 359.591



Tritanopia
63, 8.159, 324.815

Trichromacy



Original Color

63, 3.675, 1.967

Protanomaly

63, 2.584, 353.882

Deuteranomaly

63, 6.258, 359.099

Tritanomaly

63, 6.597, 330.273

Monochromacy



Original Color

63, 3.675, 1.967

Achromatopsia

63, 0.008, 296.813

Achromatomaly

63, 1.292, 353.565

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 3.675, 1.967 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(159, 150, 152)` looks like.

```
.text, #text, p{  
    color:rgb(159, 150, 152)  
}
```

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(159, 150, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 150, 152) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 3.675, 1.967 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(159, 150, 152) }
```

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

```
.border{ border-color:rgb(159, 150, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 150, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 150, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 150, 152);  
box-shadow:4px 4px 4px 4px rgb(159, 150,  
152) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 3.675, 1.967 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 150, 152) }
```

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

```
.background{ background-color: rgb(159,  
150, 152) }
```

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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