

Converting Colors

CIELCh(62, 14.881, 109.142)

Have a look what the booklet for
CIELCh(62, 14.881, 109.142)
contains.

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Color

CIELCh(62, 15.031, 110.063)

Conversions

Conversions Part 1

Format	Color
Hex	97987D
RGB	151, 152, 125
RGB Percent	59%, 60%, 49%
CMY	0.4088, 0.4049, 0.5108
CMYK	0.01, 0.00, 0.18, 0.40
HSL	62°, 12%, 54%
HSV	62°, 18%, 60%
XYZ	27.5874, 30.4025, 23.7333
YIQ	148.6230, 8.0710, -8.6090

Conversions

Conversions Part 2

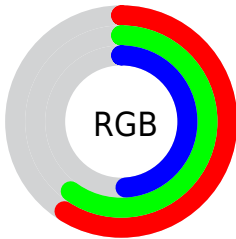
Format	Color
RYB	125, 152, 126
Decimal	9934973
CIELab	62.00, -5.16, 14.12
CIELCh	62, 15.031, 110.063
Yxy	30.4025, 0.3376, 0.3720
Android (android.graphics.Color)	4288125053 (0xFF97987D)
YUV	148.6230, -11.6461, 2.0846
Hunter-Lab	55.1385, -7.1836, 13.0767

Details

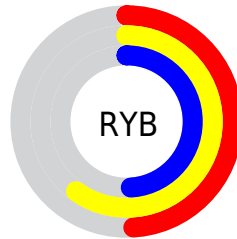
The CIELCh color **62, 15.031, 110.063** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **53, 15.642, 293.433**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **82, 14.750, 110.352**, and **42, 14.941, 109.658** is the 20% darker color. If you saturate the color by 10%, you get **62, 23.372, 109.179**, and if you desaturate by 10%, it is **62, 6.596, 110.954**.

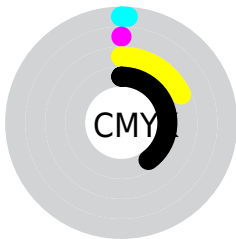
Distribution



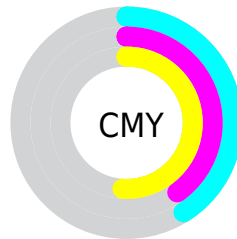
- Red (59%)
- Green (60%)
- Blue (49%)



- Red (49%)
- Yellow (60%)
- Blue (49%)



- Cyan (1%)
- Magenta (0%)
- Yellow (18%)
- Black (40%)





- Cyan (41%)
- Magenta (40%)
- Yellow (51%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 15.031, 110.063 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 62, 15.031, 110.063 by changing the saturation by 10% instead.


 62, 15.031,
110.063


 62, 15.031,
110.063


 100, 15.031,
110.063


 52, 15.031,
110.063


 82, 15.031,
110.063


 42, 15.031,
110.063

 92, 15.031,
110.063

 32, 15.031,
110.063

 22, 15.031,
110.063

 12, 15.031,
110.063

 2, 15.031, 110.063

 0, 15.031, 110.063

■ 62, 15.031,
110.063

■ 62, 15.031,
110.063

■ 62, 23.372,
109.179

■ 62, 6.596, 110.954

■ 61, 31.534,
108.306

■ 63, 1.885, 291.857

■ 61, 39.396,
107.471

■ 63, 10.373,
292.691

■ 61, 46.770,
106.706

■ 64, 18.846,
293.510

■ 61, 53.387,
106.048

■ 64, 27.285,
294.296

■ 61, 58.892,
105.543

■ 65, 35.676,
295.044

■ 60, 62.904,
105.237

■ 66, 44.009,
295.752

■ 60, 65.364,

■ 67, 52.276,
296.420

105.135

■ 67, 57.063,
296.856

■ 60, 65.861,
105.118

Harmonies

Complementary

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



62, 15.031, 110.063



53, 15.642, 293.433

Rectangle

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



62, 15.031, 110.063



62, 15.031, 160.063



62, 15.031, 290.063



62, 15.031, 340.063

Sweetspot

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



62, 15.032, 110.068



79, 5.223, 111.188



55, 10.760, 23.254



42, 3.592, 111.132



90, 0.011, 296.813



42, 0.006, 296.813

Same Dimension

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



62, 15.032, 110.068



78, 21.862, 109.745



61, 16.193, 129.460



32, 4.818, 110.827



56, 62.180, 105.102



3, 5.233, 111.830

Inverse Universe

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



53, 15.642, 293.433



65, 22.948, 293.862



54, 16.551, 310.998



30, 4.921, 292.513



15, 85.550, 306.440



0, 5.233, 291.618

Previews

White Background



This preview shows how the CIELCh color 62, 15.031, 110.063 looks on a white background.

Color Contrast Check

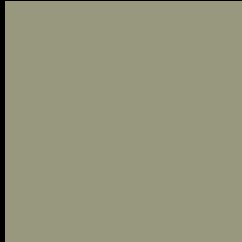
Large Text (above 18pt) WCAG AA × Fail

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 62, 15.031, 110.063 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

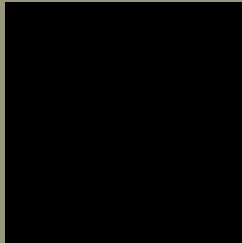
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

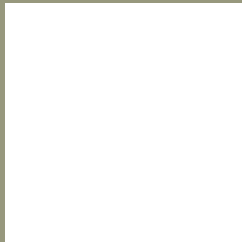
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 62, 15.031, 110.063

Background



This preview shows how black text looks on a background with the CIELCh color 62, 15.031, 110.063.



This preview shows how white text looks on a background with the CIELCh color 62, 15.031, 110.063.

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


62, 15.031, 110.063

Protanopia

62, 14.443, 93.664

Deuteranopia

62, 15.535, 60.247



Tritanopia
62, 7.429, 314.955

Trichromacy



Original Color
62, 15.031, 110.063

Protanomaly
62, 14.638, 100.452

Deuteranomaly
62, 13.728, 77.964

Tritanomaly
62, 1.907, 55.185

Monochromacy



Original Color
62, 15.031, 110.063

Achromatopsia
61, 0.008, 296.813

Achromatomaly
61, 5.036, 109.605

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 15.031, 110.063 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, 152, 125)` looks like.

```
.text, #text, p{  
    color:rgb(151, 152, 125)  
}
```

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, 152, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 152, 125) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 15.031, 110.063 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, 152, 125) }
```

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

```
.border{ border-color:rgb(151, 152, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 152, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(151, 152, 125); -webkit-box-shadow:4px 4px 4px 4px rgb(151, 152, 125); box-shadow:4px 4px 4px 4px rgb(151, 152, 125) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 15.031, 110.063 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 152, 125) }
```

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

```
.background{ background-color: rgb(151,  
152, 125) }
```

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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