

Converting Colors

CIELCh(62, 7.346, 318.595)

Have a look what the booklet for
CIELCh(62, 7.346, 318.595) contains.

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Color

CIELCh(62, 7.100, 319.631)

Conversions

Conversions Part 1

Format	Color
Hex	9C939E
RGB	156, 147, 158
RGB Percent	61%, 58%, 62%
CMY	0.3882, 0.4235, 0.3804
CMYK	0.01, 0.07, 0.00, 0.38
HSL	289°, 5%, 60%
HSV	289°, 7%, 62%
XYZ	30.3141, 30.4025, 36.6166
YIQ	150.9450, 1.8330, 5.3290

Conversions

Conversions Part 2

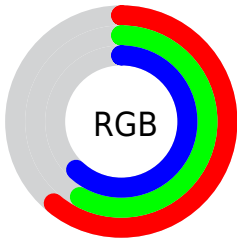
Format	Color
R_{YB}	156, 147, 158
Decimal	10261406
CIE _{Lab}	62.00, 5.41, -4.60
CIE _{LCh}	62, 7.100, 319.631
Yxy	30.4025, 0.3114, 0.3124
Android (android.graphics.Color)	4288451486 (0xFF9C939E)
YUV	150.9450, 3.4781, 4.4332
Hunter-Lab	55.1385, 1.6434, -0.7766

Details

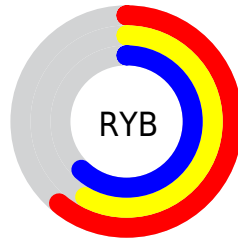
The CIELCh color **62, 7.100, 319.631** is a light color, and the websafe version is hex **999999**. A complement of this color would be **64, 7.065, 139.062**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **82, 7.181, 317.505**, and **42, 7.636, 319.768** is the 20% darker color. If you saturate the color by 10%, you get **58, 17.431, 320.088**, and if you desaturate by 10%, it is **66, 3.057, 139.281**.

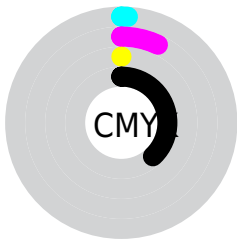
Distribution



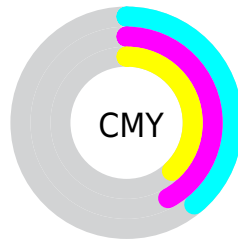
- Red (61%)
- Green (58%)
- Blue (62%)



- Red (61%)
- Yellow (58%)
- Blue (62%)



- Cyan (1%)
- Magenta (7%)
- Yellow (0%)
- Black (38%)



- Cyan (39%)
- Magenta (42%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 62, 7.100, 319.631 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, 7.100, 319.631 by changing the saturation by 10% instead.

■ 62, 7.100, 319.631

■ 62, 7.100, 319.631

■ 100, 7.100,
319.631

■ 52, 7.100, 319.631

■ 82, 7.100, 319.631

■ 42, 7.100, 319.631

■ 92, 7.100, 319.631

■ 32, 7.100, 319.631

■ 22, 7.100, 319.631

■ 12, 7.100, 319.631

■ 2, 7.100, 319.631

■ 0, 7.100, 319.631

■ 62, 7.100, 319.631

■ 62, 7.100, 319.631

■ 58, 17.431,

■ 66, 3.057, 139.281

320.088

71, 12.977,
138.822

53, 27.845,
320.534

76, 22.634,
138.426

49, 38.188,
320.960

80, 32.014,
138.058

45, 48.235,
321.346

85, 41.116,
137.719

42, 57.673,
321.664

89, 49.947,
137.407

39, 66.099,
321.877

93, 57.038,
137.037

36, 73.063,
321.946

93, 56.517,
136.234

34, 78.155,
321.833

93, 56.003,
135.406

33, 81.280,
321.524

Harmonies

Complementary

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



62, 7.100, 319.631



64, 7.065, 139.062

Rectangle

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



62, 7.100, 319.631



62, 7.100, 9.631



62, 7.100, 139.631



62, 7.100, 189.631

Sweetspot

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



62, 7.098, 319.630



82, 2.531, 319.354



62, 5.090, 282.197



44, 1.451, 319.344



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

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



62, 7.098, 319.630



79, 10.159, 319.686



62, 6.003, 335.389



31, 5.780, 319.737



29, 76.242, 321.478



1, 7.439, 318.425

Inverse Universe

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



62, 4.442, 5.165



78, 6.371, 5.293



64, 5.973, 154.538



31, 3.633, 5.407



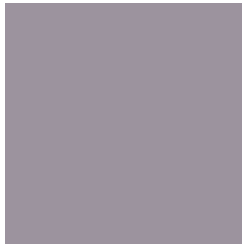
29, 60.408, 29.567



1, 4.626, 5.368

Previews

White Background



This preview shows how the CIELCh color 62, 7.100, 319.631 looks on a white background.

Color Contrast Check

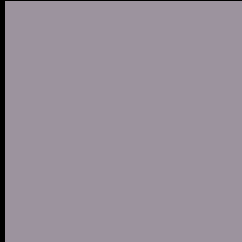
Large Text (above 18pt) WCAG AA × Fail

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, 7.100, 319.631 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

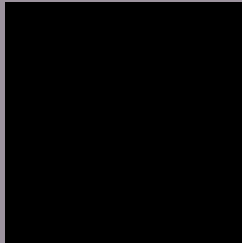
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 7.100, 319.631

Background



This preview shows how black text looks on a background with the CIELCh color 62, 7.100, 319.631.



This preview shows how white text looks on a background with the CIELCh color 62, 7.100, 319.631.

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, 7.100, 319.631

Protanopia

62, 5.635, 294.627

Deuteranopia

62, 9.324, 328.822



Tritanopia
62, 7.100, 319.631

Trichromacy



Original Color
62, 7.100, 319.631

Protanomaly
62, 6.385, 304.517

Deuteranomaly
62, 8.409, 327.011

Tritanomaly
62, 7.100, 319.631

Monochromacy



Original Color
62, 7.100, 319.631

Achromatopsia
62, 0.008, 296.813

Achromatomaly
62, 2.537, 317.339

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 7.100, 319.631 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(156, 147, 158)` looks like.

```
.text, #text, p{  
    color:rgb(156, 147, 158)  
}
```

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(156, 147, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 147, 158) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 7.100, 319.631 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(156, 147, 158) }
```

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

```
.border{ border-color:rgb(156, 147, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 147, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 147, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 147, 158);  
box-shadow:4px 4px 4px 4px rgb(156, 147,  
158) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 7.100, 319.631 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 147, 158) }
```

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

```
.background{ background-color: rgb(156,  
147, 158) }
```

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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