

Converting Colors

CIELCh(62, 4.167, 19.700)

Have a look what the booklet for
CIELCh(62, 4.167, 19.700) contains.

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Color

CIELCh(62, 4.312, 19.720)

Conversions

Conversions Part 1

Format	Color
Hex	9E9393
RGB	158, 147, 147
RGB Percent	62%, 58%, 58%
CMY	0.3790, 0.4221, 0.4221
CMYK	0.00, 0.07, 0.07, 0.38
HSL	0°, 5%, 60%
HSV	0°, 7%, 62%
XYZ	29.9560, 30.4025, 32.0403
YIQ	150.2890, 6.5560, 2.3320

Conversions

Conversions Part 2

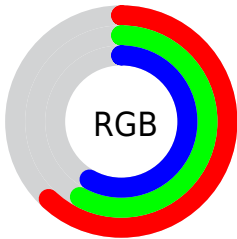
Format	Color
R _Y B	158, 147, 147
Decimal	10392467
CIE Lab	62.00, 4.06, 1.45
CIE LCh	62, 4.312, 19.720
Yxy	30.4025, 0.3242, 0.3290
Android (android.graphics.Color)	4288582547 (0xFF9E9393)
YUV	150.2890, -1.6215, 6.7625
Hunter-Lab	55.1385, 0.4843, 4.1442

Details

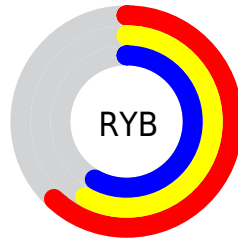
The CIELCh color **62, 4.312, 19.720** is a light color, and the websafe version is hex **999999**. A complement of this color would be **64, 4.131, 199.167**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **82, 4.429, 19.619**, and **42, 4.703, 12.616** is the 20% darker color. If you saturate the color by 10%, you get **57, 10.927, 20.542**, and if you desaturate by 10%, it is **67, 1.819, 199.528**.

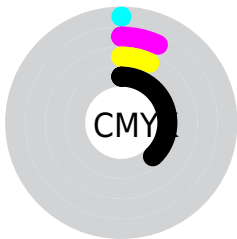
Distribution



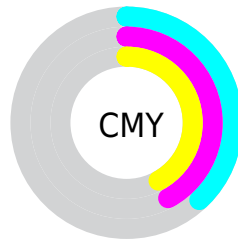
- Red (62%)
- Green (58%)
- Blue (58%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the CIELCh color 62, 4.312, 19.720 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, 4.312, 19.720 by changing the saturation by 10% instead.

■ 62, 4.312, 19.720

■ 62, 4.312, 19.720

■ 100, 4.312, 19.720

■ 52, 4.312, 19.720

■ 82, 4.312, 19.720

■ 42, 4.312, 19.720

■ 92, 4.312, 19.720

■ 32, 4.312, 19.720

■ 22, 4.312, 19.720

■ 12, 4.312, 19.720

■ 2, 4.312, 19.720

■ 0, 4.312, 19.720

■ 62, 4.312, 19.720

■ 62, 4.312, 19.720

■ 57, 10.927, 20.542

■ 67, 1.819, 199.528

53, 18.046, 21.508

71, 7.496, 198.879

49, 25.646, 22.750

76, 12.763,
198.490

45, 33.654, 24.362

81, 17.666,
198.187

41, 41.926, 26.449

38, 50.238, 29.100

86, 22.249,
197.942

35, 58.285, 32.315

91, 26.550,
197.742

34, 65.582, 35.822

33, 71.285, 38.868

94, 29.809,
197.582

Harmonies

Complementary

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



62, 4.312, 19.720



64, 4.131, 199.167

Rectangle

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



62, 4.312, 19.720



62, 4.312, 69.720



62, 4.312, 199.720



62, 4.312, 249.720

Sweetspot

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



62, 4.311, 19.741



82, 1.512, 19.174



62, 7.503, 324.785



44, 0.866, 19.144



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, 4.311, 19.741



78, 6.189, 19.836



63, 3.730, 74.512



31, 3.534, 19.921



29, 67.088, 39.166



1, 4.472, 19.426

Inverse Universe

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



64, 4.131, 199.167



82, 5.887, 199.088



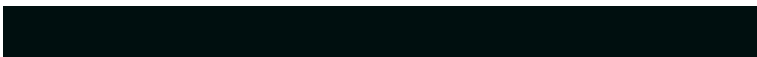
63, 3.678, 256.367



33, 3.338, 199.020



54, 32.531, 196.427



3, 4.471, 199.450

Previews

White Background



This preview shows how the CIELCh color 62, 4.312, 19.720 looks on a white background.

Color Contrast Check

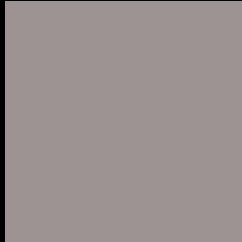
Large Text (above 18pt) WCAG AA × Fail

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 62, 4.312, 19.720 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

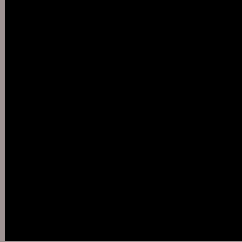
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

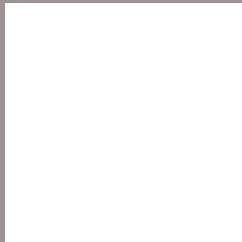
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 62, 4.312, 19.720

Background



This preview shows how black text looks on a background with the CIELCh color 62, 4.312, 19.720.



This preview shows how white text looks on a background with the CIELCh color 62, 4.312, 19.720.

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, 4.312, 19.720

Protanopia

62, 1.645, 39.141

Deuteranopia

62, 8.056, 8.174



Tritanopia
62, 8.215, 331.539

Trichromacy



Original Color
62, 4.312, 19.720

Protanomaly
62, 2.728, 19.505

Deuteranomaly
62, 6.779, 10.542

Tritanomaly
62, 6.405, 342.225

Monochromacy



Original Color
62, 4.312, 19.720

Achromatopsia
62, 0.008, 296.813

Achromatomaly
62, 1.549, 19.265

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 4.312, 19.720 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, 147, 147)` looks like.

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

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, 147, 147) colored shadow looks like.

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

Border

The CSS property to change the border of an element to CIELCh 62, 4.312, 19.720 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, 147, 147) }
```

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

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

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

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

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

Background

The CSS property to change the background color of an element to CIELCh 62, 4.312, 19.720 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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

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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