

Converting Colors

CIELCh(61, 5.196, 3.310)

Have a look what the booklet for
CIELCh(61, 5.196, 3.310) contains.

CIELCh(61, 5.372, 1.618)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(61, 5.372, 1.618)

Conversions

Conversions Part 1

Format	Color
Hex	9D9093
RGB	157, 144, 147
RGB Percent	62%, 56%, 58%
CMY	0.3841, 0.4350, 0.4233
CMYK	0.00, 0.08, 0.06, 0.38
HSL	346°, 6%, 59%
HSV	346°, 8%, 62%
XYZ	29.1708, 29.2481, 31.7372
YIQ	148.2290, 6.7850, 3.6890

Conversions

Conversions Part 2

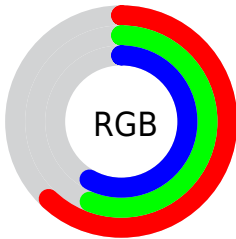
Format	Color
RYB	157, 144, 147
Decimal	10326163
CIELab	61.00, 5.37, 0.15
CIELCh	61, 5.372, 1.618
Yxy	29.2481, 0.3236, 0.3244
Android (android.graphics.Color)	4288516243 (0xFF9D9093)
YUV	148.2290, -0.6059, 7.6922
Hunter-Lab	54.0815, 1.6374, 3.0633

Details

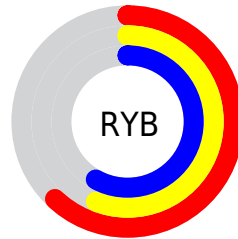
The CIELCh color **61, 5.372, 1.618** is a light color, and the websafe version is hex **999999**. A complement of this color would be **64, 5.215, 180.294**, and the grayscale version is **61, 0.008, 296.813**.

A 20% lighter version of the original color is **81, 5.415, 2.680**, and **41, 5.398, 0.485** is the 20% darker color. If you saturate the color by 10%, you get **57, 12.140, 2.724**, and if you desaturate by 10%, it is **66, 1.087, 181.187**.

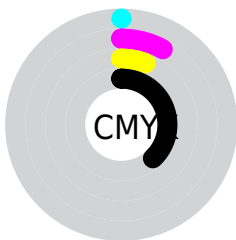
Distribution



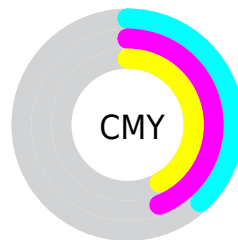
- Red (62%)
- Green (56%)
- Blue (58%)



- Red (62%)
- Yellow (56%)
- Blue (58%)



- Cyan (0%)
- Magenta (8%)
- Yellow (6%)
- Black (38%)



- Cyan (38%)
- Magenta (44%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 61, 5.372, 1.618 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 61, 5.372, 1.618 by changing the saturation by 10% instead.

61, 5.372, 1.618

61, 5.372, 1.618

100, 5.372, 1.618

51, 5.372, 1.618

81, 5.372, 1.618

41, 5.372, 1.618

91, 5.372, 1.618

31, 5.372, 1.618

21, 5.372, 1.618

11, 5.372, 1.618

1, 5.372, 1.618

0, 5.372, 1.618

61, 5.372, 1.618

61, 5.372, 1.618

57, 12.140, 2.724

66, 1.087, 181.187

52, 19.181, 3.977

70, 7.221, 180.067

48, 26.403, 5.471

75, 13.041,
179.339

44, 33.654, 7.296

79, 18.565,
178.702

41, 40.710, 9.566

38, 47.291, 12.423

84, 23.816,
178.131

35, 53.128, 16.017

89, 28.821,
177.613

34, 58.065, 20.445

33, 62.317, 25.478

93, 33.602,
177.141

94, 31.556,
186.772

94, 30.139,
197.562

Harmonies

Complementary

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



61, 5.372, 1.618



64, 5.215, 180.294

Rectangle

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



61, 5.372, 1.618



61, 5.372, 51.618



61, 5.372, 181.618



61, 5.372, 231.618

Sweetspot

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



61, 5.370, 1.630



81, 1.584, 0.807



61, 8.287, 318.133



43, 0.899, 0.775



91, 0.011, 296.813



43, 0.006, 296.813

Same Dimension

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



61, 5.370, 1.630



76, 8.067, 1.834



62, 4.219, 46.937



31, 3.698, 1.734



29, 58.621, 25.787



1, 4.712, 1.830

Inverse Universe

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



61, 5.370, 1.630



76, 8.067, 1.834



63, 4.031, 228.032



31, 3.698, 1.734



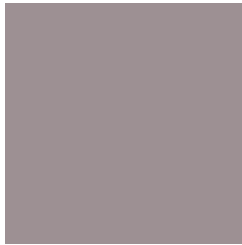
29, 58.621, 25.787



1, 4.712, 1.830

Previews

White Background



This preview shows how the CIELCh color 61, 5.372, 1.618 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 61, 5.372, 1.618 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 × Fail

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

CIELCh 61, 5.372, 1.618

Background



This preview shows how black text looks on a background with the CIELCh color 61, 5.372, 1.618.



This preview shows how white text looks on a background with the CIELCh color 61, 5.372, 1.618.

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


61, 5.372, 1.618

Protanopia

61, 1.632, 335.630

Deuteranopia

61, 7.431, 2.563



Tritanopia
61, 8.503, 333.554

Trichromacy



Original Color

61, 5.372, 1.618

Protanomaly

61, 3.217, 347.969

Deuteranomaly

61, 7.053, 1.536

Tritanomaly

61, 7.384, 342.605

Monochromacy



Original Color

61, 5.372, 1.618

Achromatopsia

61, 0.008, 296.813

Achromatomaly

61, 1.658, 359.512

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 5.372, 1.618 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(157, 144, 147)` looks like.

```
.text, #text, p{  
    color:rgb(157, 144, 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(157, 144, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 144, 147) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 5.372, 1.618 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(157, 144, 147) }
```

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

```
.border{ border-color:rgb(157, 144, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 144, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 144, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 144, 147);  
box-shadow:4px 4px 4px 4px rgb(157, 144,  
147) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 5.372, 1.618 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 144, 147) }
```

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

```
.background{ background-color: rgb(157,  
144, 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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