

Converting Colors

CIELCh(61, 6.139, 337.263)

Have a look what the booklet for
CIELCh(61, 6.139, 337.263) contains.

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Color

CIELCh(61, 6.118, 339.943)

Conversions

Conversions Part 1

Format	Color
Hex	9C9097
RGB	156, 144, 151
RGB Percent	61%, 56%, 59%
CMY	0.3882, 0.4353, 0.4078
CMYK	0.00, 0.08, 0.03, 0.39
HSL	325°, 6%, 59%
HSV	325°, 8%, 61%
XYZ	29.2687, 29.2481, 33.3802
YIQ	148.3860, 4.9050, 4.7210

Conversions

Conversions Part 2

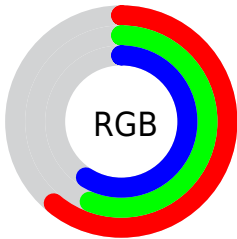
Format	Color
RYB	156, 144, 151
Decimal	10260631
CIELab	61.00, 5.75, -2.10
CIELCh	61, 6.118, 339.943
Yxy	29.2481, 0.3185, 0.3183
Android (android.graphics.Color)	4288450711 (0xFF9C9097)
YUV	148.3860, 1.2887, 6.6775
Hunter-Lab	54.0815, 1.9608, 1.2621

Details

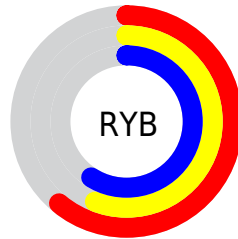
The CIELCh color $61, 6.118, 339.943$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $63, 6.069, 158.896$, and the grayscale version is $61, 0.008, 296.813$.

A 20% lighter version of the original color is $81, 5.780, 339.785$, and $41, 5.881, 342.028$ is the 20% darker color. If you saturate the color by 10%, you get $57, 14.193, 340.778$, and if you desaturate by 10%, it is $65, 1.807, 159.434$.

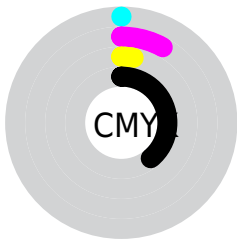
Distribution



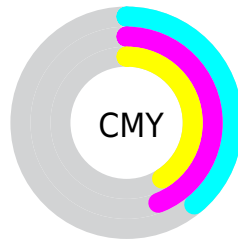
- Red (61%)
- Green (56%)
- Blue (59%)



- Red (61%)
- Yellow (56%)
- Blue (59%)



- Cyan (0%)
- Magenta (8%)
- Yellow (3%)
- Black (39%)



- Cyan (39%)
- Magenta (44%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 61, 6.118, 339.943 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, 6.118, 339.943 by changing the saturation by 10% instead.

61, 6.118, 339.943

61, 6.118, 339.943

100, 6.118,
339.943

51, 6.118, 339.943

81, 6.118, 339.943

41, 6.118, 339.943

91, 6.118, 339.943

31, 6.118, 339.943

21, 6.118, 339.943

11, 6.118, 339.943

1, 6.118, 339.943

0, 6.118, 339.943

61, 6.118, 339.943

61, 6.118, 339.943

57, 14.193,

65, 1.807, 159.434

340.778

70, 9.521, 158.611

53, 22.327,
341.663

74, 16.999,
157.961

49, 30.360,
342.639

79, 24.233,
157.364

45, 38.063,
343.736

83, 31.227,
156.808

42, 45.121,
344.998

88, 37.990,
156.289

39, 51.155,
346.486

92, 44.536,
155.804

37, 55.774,
348.288

93, 43.187,
158.516

35, 58.681,
350.516

93, 40.923,
161.957

34, 59.983,
353.239

Harmonies

Complementary

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



61, 6.118, 339.943



63, 6.069, 158.896

Rectangle

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



61, 6.118, 339.943



61, 6.118, 29.943



61, 6.118, 159.943



61, 6.118, 209.943

Sweetspot

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



61, 6.116, 339.947



81, 1.972, 339.381



61, 7.058, 306.462



43, 1.118, 339.359



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, 6.116, 339.947



77, 8.919, 340.071



61, 4.752, 13.013



31, 4.553, 340.077



31, 56.547, 353.615



1, 5.778, 340.890

Inverse Universe

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



61, 6.116, 339.947



77, 8.919, 340.071



63, 4.565, 192.050



31, 4.553, 340.077



31, 56.547, 353.615



1, 5.778, 340.890

Previews

White Background



This preview shows how the CIELCh color 61, 6.118, 339.943 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 CIE LCh color 61, 6.118, 339.943 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

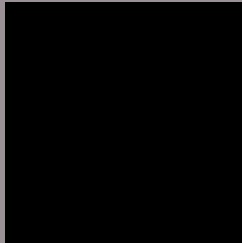
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 6.118, 339.943

Background



This preview shows how black text looks on a background with the CIELCh color 61, 6.118, 339.943.



This preview shows how white text looks on a background with the CIELCh color 61, 6.118, 339.943.

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, 6.118, 339.943

Protanopia

61, 3.481, 303.242

Deuteranopia

61, 8.017, 346.121



Tritanopia
61, 8.672, 329.101

Trichromacy



Original Color
61, 6.118, 339.943

Protanomaly
61, 4.595, 320.660

Deuteranomaly
61, 7.696, 344.432

Tritanomaly
61, 8.245, 331.549

Monochromacy



Original Color
61, 6.118, 339.943

Achromatopsia
61, 0.008, 296.813

Achromatomaly
61, 1.927, 343.690

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 6.118, 339.943 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, 144, 151)` looks like.

```
.text, #text, p{  
    color:rgb(156, 144, 151)  
}
```

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, 144, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 144, 151) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 6.118, 339.943 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, 144, 151) }
```

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

```
.border{ border-color:rgb(156, 144, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 144, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 144, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 144, 151);  
box-shadow:4px 4px 4px 4px rgb(156, 144,  
151) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 6.118, 339.943 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 144, 151) }
```

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

```
.background{ background-color: rgb(156,  
144, 151) }
```

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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