

Converting Colors

CIELCh(61, 1.362, 331.439)

Have a look what the booklet for
CIELCh(61, 1.362, 331.439) contains.

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Color

CIELCh(61, 0.967, 343.420)

Conversions

Conversions Part 1

Format	Color
Hex	959394
RGB	149, 147, 148
RGB Percent	58%, 58%, 58%
CMY	0.4170, 0.4248, 0.4209
CMYK	0.00, 0.01, 0.01, 0.42
HSL	330°, 1%, 58%
HSV	330°, 1%, 58%
XYZ	28.0330, 29.2481, 32.0452
YIQ	147.7120, 0.8710, 0.7350

Conversions

Conversions Part 2

Format	Color
R_{YB}	149, 147, 148
Decimal	9802644
CIE Lab	61.00, 0.93, -0.28
CIE LCh	61, 0.967, 343.420
Yxy	29.2481, 0.3138, 0.3274
Android (android.graphics.Color)	4287992724 (0xFF959394)
YUV	147.7120, 0.1420, 1.1296
Hunter-Lab	54.0815, -2.1178, 2.7257

Details

The CIELCh color $61, 0.967, 343.420$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $61, 0.953, 163.920$, and the grayscale version is $61, 0.008, 296.813$.

A 20% lighter version of the original color is $81, 0.914, 343.282$, and $41, 0.418, 18.679$ is the 20% darker color. If you saturate the color by 10%, you get $57, 8.220, 344.576$, and if you desaturate by 10%, it is $65, 6.087, 163.093$.

Distribution



Red (58%)

Green (58%)

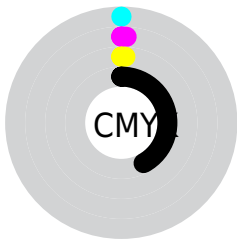
Blue (58%)



Red (58%)

Yellow (58%)

Blue (58%)



Cyan (0%)

Magenta (1%)

Yellow (1%)

Black (42%)



Cyan (42%)

Magenta (42%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 61, 0.967, 343.420 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, 0.967, 343.420 by changing the saturation by 10% instead.

61, 0.967, 343.420

61, 0.967, 343.420

100, 0.967,
343.420

51, 0.967, 343.420

81, 0.967, 343.420

41, 0.967, 343.420

91, 0.967, 343.420

31, 0.967, 343.420

21, 0.967, 343.420

11, 0.967, 343.420

1, 0.967, 343.420

0, 0.967, 343.420

61, 0.967, 343.420

61, 0.967, 343.420

57, 8.220, 344.576

65, 6.087, 163.093

53, 15.622,
345.507

70, 12.910,
162.374

49, 23.070,
346.537

74, 19.495,
161.729

45, 30.406,
347.706

78, 25.847,
161.134

41, 37.397,
349.063

83, 31.976,
160.583

38, 43.734,
350.678

87, 37.896,
160.070

36, 49.058,
352.647

91, 43.623,
159.592

34, 53.028,
355.099

93, 43.395,
162.144

32, 55.449,
358.184

93, 40.952,
166.284

Harmonies

Complementary

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



61, 0.967, 343.420



61, 0.953, 163.920

Rectangle

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



61, 0.967, 343.420



61, 0.967, 33.420



61, 0.967, 163.420



61, 0.967, 213.420

Sweetspot

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



61, 0.965, 343.453



78, 0.009, 296.813



61, 1.200, 309.046



41, 0.006, 296.813



89, 0.011, 296.813

Same Dimension

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



61, 0.965, 343.453



77, 1.782, 343.624



61, 0.775, 18.914



31, 0.808, 343.583



29, 53.703, 0.942



1, 3.518, 343.680

Inverse Universe

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



61, 0.965, 343.453



77, 1.782, 343.624



61, 0.767, 199.910



31, 0.808, 343.583



29, 53.703, 0.942



1, 3.518, 343.680

Previews

White Background



This preview shows how the CIELCh color 61, 0.967, 343.420 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, 0.967, 343.420 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

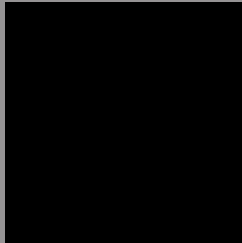
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

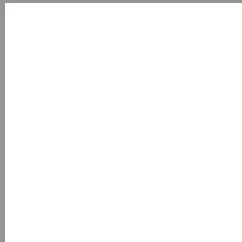
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 61, 0.967, 343.420

Background



This preview shows how black text looks on a background with the CIELCh color 61, 0.967, 343.420.



This preview shows how white text looks on a background with the CIELCh color 61, 0.967, 343.420.

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, 0.967, 343.420

Protanopia

61, 1.930, 343.692

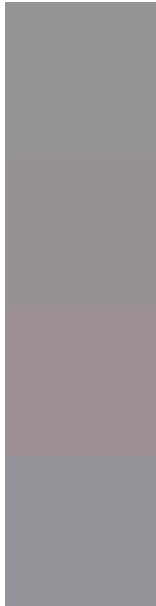
Deuteranopia

61, 7.607, 358.522



Tritanopia
61, 7.052, 306.460

Trichromacy



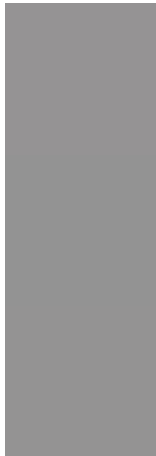
Original Color
61, 0.967, 343.420

Protanomaly
61, 1.930, 343.692

Deuteranomaly
61, 5.567, 356.121

Tritanomaly
61, 4.779, 309.270

Monochromacy



Original Color
61, 0.967, 343.420

Achromatopsia
61, 0.008, 296.813

Achromatomaly
61, 0.388, 18.310

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 0.967, 343.420 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(149, 147, 148)` looks like.

```
.text, #text, p{  
    color:rgb(149, 147, 148)  
}
```

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(149, 147, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 147, 148) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 0.967, 343.420 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(149, 147, 148) }
```

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

```
.border{ border-color:rgb(149, 147, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 147, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 147, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 147, 148);  
box-shadow:4px 4px 4px 4px rgb(149, 147,  
148) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 0.967, 343.420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 147, 148) }
```

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

```
.background{ background-color: rgb(149,  
147, 148) }
```

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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