

Converting Colors

CIELCh(61, 3.966, 335.647)

Have a look what the booklet for
CIELCh(61, 3.966, 335.647) contains.

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Color

CIELCh(61, 4.207, 337.786)

Conversions

Conversions Part 1

Format	Color
Hex	999196
RGB	153, 145, 150
RGB Percent	60%, 57%, 59%
CMY	0.3998, 0.4312, 0.4116
CMYK	0.00, 0.05, 0.02, 0.40
HSL	323°, 4%, 58%
HSV	323°, 5%, 60%
XYZ	28.7897, 29.2481, 33.0046
YIQ	147.9620, 3.1630, 3.2510

Conversions

Conversions Part 2

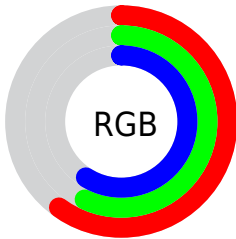
Format	Color
R_{YB}	153, 145, 150
Decimal	10064278
CIE Lab	61.00, 3.89, -1.59
CIE LCh	61, 4.207, 337.786
Yxy	29.2481, 0.3162, 0.3213
Android (android.graphics.Color)	4288254358 (0xFF999196)
YUV	147.9620, 1.0047, 4.4183
Hunter-Lab	54.0815, 0.3797, 1.6739

Details

The CIELCh color $61, 4.207, 337.786$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $62, 4.180, 157.189$, and the grayscale version is $61, 0.008, 296.813$.

A 20% lighter version of the original color is $81, 3.974, 337.672$, and $41, 3.816, 340.428$ is the 20% darker color. If you saturate the color by 10%, you get $57, 12.355, 338.585$, and if you desaturate by 10%, it is $65, 3.785, 157.247$.

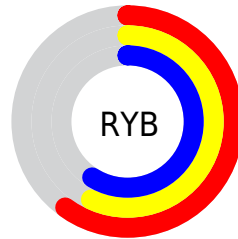
Distribution



Red (60%)

Green (57%)

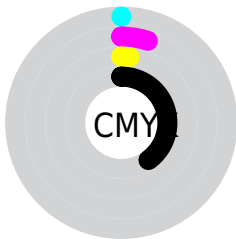
Blue (59%)



Red (60%)

Yellow (57%)

Blue (59%)

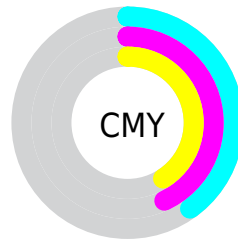


Cyan (0%)

Magenta (5%)

Yellow (2%)

Black (40%)



Cyan (40%)

Magenta (43%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 61, 4.207, 337.786 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, 4.207, 337.786 by changing the saturation by 10% instead.

■ 61, 4.207, 337.786

■ 61, 4.207, 337.786

■ 100, 4.207,
337.786

■ 51, 4.207, 337.786

■ 81, 4.207, 337.786

■ 41, 4.207, 337.786

■ 91, 4.207, 337.786

■ 31, 4.207, 337.786

■ 21, 4.207, 337.786

■ 11, 4.207, 337.786

■ 1, 4.207, 337.786

■ 0, 4.207, 337.786

■ 61, 4.207, 337.786

■ 61, 4.207, 337.786

■ 57, 12.355,

■ 65, 3.785, 157.247

338.585

70, 11.566,
156.547

53, 20.576,
339.402

74, 19.112,
155.931

49, 28.724,
340.288

79, 26.419,
155.360

45, 36.586,
341.266

83, 33.488,
154.827

42, 43.868,
342.366

87, 40.331,
154.327

39, 50.205,
343.634

92, 46.962,
153.858

37, 55.202,
345.135

93, 46.400,
155.808

35, 58.527,
346.958

93, 44.312,
158.501

34, 60.072,
349.199

Harmonies

Complementary

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



61, 4.207, 337.786



62, 4.180, 157.189

Rectangle

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



61, 4.207, 337.786



61, 4.207, 27.786



61, 4.207, 157.786



61, 4.207, 207.786

Sweetspot

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



61, 4.205, 337.791



79, 1.990, 337.454



61, 4.666, 304.533



42, 1.129, 337.433



90, 0.011, 296.813



42, 0.006, 296.813

Same Dimension

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



61, 4.205, 337.791



77, 5.982, 337.866



61, 3.187, 8.761



31, 3.186, 337.894



30, 56.909, 350.108



1, 4.854, 337.963

Inverse Universe

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



61, 4.205, 337.791



77, 5.982, 337.866



63, 3.109, 188.184



31, 3.186, 337.894



30, 56.909, 350.108



1, 4.854, 337.963

Previews

White Background



This preview shows how the CIELCh color 61, 4.207, 337.786 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, 4.207, 337.786 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

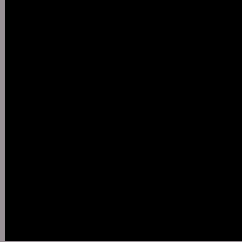
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

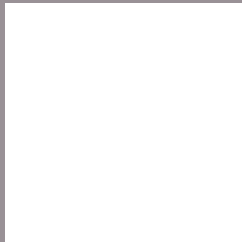
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 61, 4.207, 337.786

Background



This preview shows how black text looks on a background with the CIELCh color 61, 4.207, 337.786.



This preview shows how white text looks on a background with the CIELCh color 61, 4.207, 337.786.

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

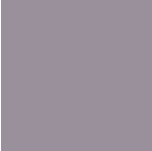
61, 4.207, 337.786

Protanopia

61, 3.061, 312.576

Deuteranopia

61, 8.017, 346.121



Tritanopia
61, 7.803, 320.116

Trichromacy



Original Color

61, 4.207, 337.786

Protanomaly

61, 3.229, 318.901

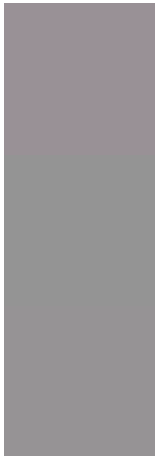
Deuteranomaly

61, 6.421, 342.233

Tritanomaly

61, 6.851, 324.758

Monochromacy



Original Color

61, 4.207, 337.786

Achromatopsia

61, 0.008, 296.813

Achromatomaly

61, 1.630, 335.628

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 4.207, 337.786 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(153, 145, 150)` looks like.

```
.text, #text, p{  
    color:rgb(153, 145, 150)  
}
```

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(153, 145, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 145, 150) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 4.207, 337.786 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(153, 145, 150) }
```

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

```
.border{ border-color:rgb(153, 145, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 145, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 145, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 145, 150);  
box-shadow:4px 4px 4px 4px rgb(153, 145,  
150) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 4.207, 337.786 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 145, 150) }
```

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

```
.background{ background-color: rgb(153,  
145, 150) }
```

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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