

Converting Colors

CIELCh(62, 7.519, 338.452)

Have a look what the booklet for
CIELCh(62, 7.519, 338.452) contains.

CIELCh(62, 7.418, 337.270)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(62, 7.418, 337.270)

Conversions

Conversions Part 1

Format	Color
Hex	A0929B
RGB	160, 146, 155
RGB Percent	63%, 57%, 61%
CMY	0.3725, 0.4274, 0.3921
CMYK	0.00, 0.09, 0.03, 0.37
HSL	321°, 7%, 60%
HSV	321°, 9%, 63%
XYZ	30.6970, 30.4025, 35.2652
YIQ	151.2120, 5.4550, 5.7670

Conversions

Conversions Part 2

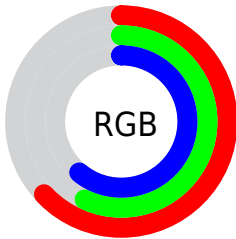
Format	Color
RYB	160, 146, 155
Decimal	10523291
CIELab	62.00, 6.84, -2.87
CIElCh	62, 7.418, 337.270
Yxy	30.4025, 0.3186, 0.3155
Android (android.graphics.Color)	4288713371 (0xFFA0929B)
YUV	151.2120, 1.8675, 7.7071
Hunter-Lab	55.1385, 2.8831, 0.6765

Details

The CIELCh color $62, 7.418, 337.270$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $65, 7.369, 156.106$, and the grayscale version is $63, 0.008, 296.813$.

A 20% lighter version of the original color is $82, 7.287, 339.101$, and $42, 7.258, 338.733$ is the 20% darker color. If you saturate the color by 10%, you get $58, 16.010, 338.048$, and if you desaturate by 10%, it is $66, 1.043, 156.902$.

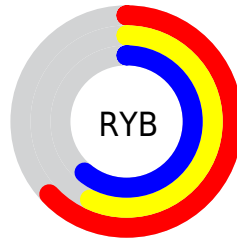
Distribution



Red (63%)

Green (57%)

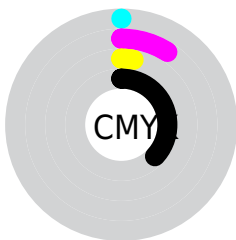
Blue (61%)



Red (63%)

Yellow (57%)

Blue (61%)

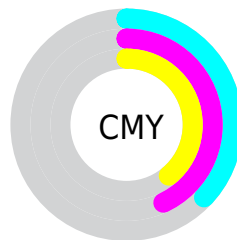


Cyan (0%)

Magenta (9%)

Yellow (3%)

Black (37%)



Cyan (37%)

Magenta (43%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 62, 7.418, 337.270 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, 7.418, 337.270 by changing the saturation by 10% instead.

■ 62, 7.418, 337.270

■ 62, 7.418, 337.270

■ 100, 7.418,
337.270

■ 52, 7.418, 337.270

■ 82, 7.418, 337.270

■ 42, 7.418, 337.270

■ 92, 7.418, 337.270

■ 32, 7.418, 337.270

■ 22, 7.418, 337.270

■ 12, 7.418, 337.270

■ 2, 7.418, 337.270

■ 0, 7.418, 337.270

■ 62, 7.418, 337.270

■ 62, 7.418, 337.270

■ 58, 16.010,

■ 66, 1.043, 156.902

338.048

71, 9.301, 155.990

54, 24.625,
338.869

75, 17.322,
155.361

50, 33.084,
339.760

80, 25.093,
154.781

46, 41.131,
340.744

85, 32.615,
154.238

43, 48.427,
341.852

89, 39.895,
153.730

40, 54.569,
343.133

93, 45.223,
153.819

38, 59.154,
344.655

93, 43.095,
156.490

36, 61.893,
346.506

93, 41.043,
159.417

35, 63.000,
348.722

Harmonies

Complementary

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



62, 7.418, 337.270



65, 7.369, 156.106

Rectangle

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



62, 7.418, 337.270



62, 7.418, 27.270



62, 7.418, 157.270



62, 7.418, 207.270

Sweetspot

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



62, 7.416, 337.273



82, 3.149, 336.792



61, 8.121, 304.125



43, 2.383, 336.870



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, 7.416, 337.273



78, 10.555, 337.384



62, 5.614, 7.823



31, 4.749, 337.311



31, 58.185, 348.732



1, 6.018, 338.181

Inverse Universe

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



62, 7.416, 337.273



78, 10.555, 337.384



65, 5.400, 186.498



31, 4.749, 337.311



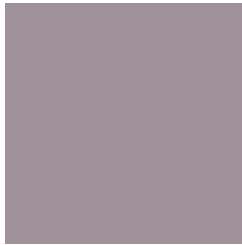
31, 58.185, 348.732



1, 6.018, 338.181

Previews

White Background



This preview shows how the CIELCh color 62, 7.418, 337.270 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, 7.418, 337.270 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

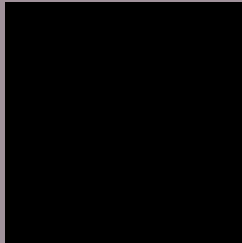
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 7.418, 337.270

Background



This preview shows how black text looks on a background with the CIELCh color 62, 7.418, 337.270.



This preview shows how white text looks on a background with the CIELCh color 62, 7.418, 337.270.

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, 7.418, 337.270

Protanopia

62, 4.569, 300.218

Deuteranopia

62, 8.661, 339.939



Tritanopia
62, 8.215, 331.539

Trichromacy



Original Color
62, 7.418, 337.270

Protanomaly
62, 5.070, 317.475

Deuteranomaly
62, 8.370, 338.167

Tritanomaly
62, 7.807, 334.255

Monochromacy



Original Color
62, 7.418, 337.270

Achromatopsia
62, 0.008, 296.813

Achromatomaly
62, 2.576, 338.749

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 7.418, 337.270 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(160, 146, 155)` looks like.

```
.text, #text, p{  
    color:rgb(160, 146, 155)  
}
```

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(160, 146, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 146, 155) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 7.418, 337.270 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(160, 146, 155) }
```

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

```
.border{ border-color:rgb(160, 146, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 146, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 146, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 146, 155);  
box-shadow:4px 4px 4px 4px rgb(160, 146,  
155) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 7.418, 337.270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 146, 155) }
```

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

```
.background{ background-color: rgb(160,  
146, 155) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor