

Converting Colors

CIELCh(62, 2.954, 68.122)

Have a look what the booklet for
CIELCh(62, 2.954, 68.122) contains.

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Color

CIELCh(62, 2.959, 68.418)

Conversions

Conversions Part 1

Format	Color
Hex	9A9591
RGB	154, 149, 145
RGB Percent	60%, 58%, 57%
CMY	0.3961, 0.4157, 0.4314
CMYK	0.00, 0.03, 0.06, 0.40
HSL	27°, 4%, 59%
HSV	27°, 6%, 60%
XYZ	29.1783, 30.4025, 31.1126
YIQ	150.0390, 4.2640, -0.1840

Conversions

Conversions Part 2

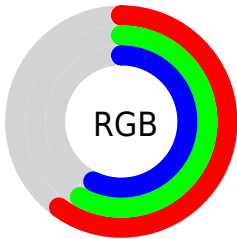
Format	Color
RYB	154, 152, 145
Decimal	10130833
CIELab	62.00, 1.09, 2.75
CIELCh	62, 2.959, 68.418
Yxy	30.4025, 0.3217, 0.3352
Android (android.graphics.Color)	4288320913 (0xFF9A9591)
YUV	150.0390, -2.4842, 3.4738
Hunter-Lab	55.1385, -2.0335, 5.1418

Details

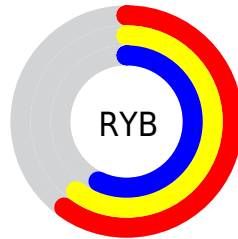
The CIELCh color **62, 2.959, 68.418** is a light color, and the websafe version is hex **999999**. A complement of this color would be **62, 2.913, 249.996**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **82, 2.787, 68.537**, and **42, 2.776, 60.063** is the 20% darker color. If you saturate the color by 10%, you get **59, 8.249, 67.422**, and if you desaturate by 10%, it is **65, 2.061, 249.829**.

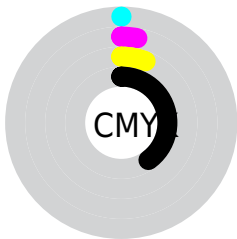
Distribution



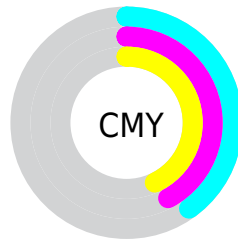
- Red (60%)
- Green (58%)
- Blue (57%)



- Red (60%)
- Yellow (60%)
- Blue (57%)



- Cyan (0%)
- Magenta (3%)
- Yellow (6%)
- Black (40%)



- Cyan (40%)
- Magenta (42%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 62, 2.959, 68.418 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, 2.959, 68.418 by changing the saturation by 10% instead.

■ 62, 2.959, 68.418

■ 62, 2.959, 68.418

■ 100, 2.959, 68.418

■ 52, 2.959, 68.418

■ 82, 2.959, 68.418

■ 42, 2.959, 68.418

■ 92, 2.959, 68.418

■ 32, 2.959, 68.418

■ 22, 2.959, 68.418

■ 12, 2.959, 68.418

■ 2, 2.959, 68.418

■ 0, 2.959, 68.418

■ 62, 2.959, 68.418

■ 62, 2.959, 68.418

■ 59, 8.249, 67.422

■ 65, 2.061, 249.829

57, 13.833, 66.333

68, 6.840, 250.793

54, 19.733, 65.244

70, 11.405,
251.827

52, 25.954, 64.166

73, 15.780,
252.842

49, 32.471, 63.099

47, 39.201, 62.017

76, 19.989,
253.827

44, 45.941, 60.850

79, 24.050,
254.777

42, 52.269, 59.431

40, 57.534, 57.503

82, 27.982,
255.689

84, 26.939,
246.331

86, 26.062,
234.314

Harmonies

Complementary

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



62, 2.959, 68.418



62, 2.913, 249.996

Rectangle

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



62, 2.959, 68.418



62, 2.959, 118.418



62, 2.959, 248.418



62, 2.959, 298.418

Sweetspot

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



62, 2.959, 68.454



80, 1.244, 68.655



61, 4.537, 340.597



43, 0.712, 68.647



91, 0.011, 296.813



43, 0.006, 296.813

Same Dimension

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



62, 2.959, 68.454



79, 4.429, 68.332



63, 4.677, 106.774



31, 2.288, 68.309



36, 55.701, 57.183



2, 3.033, 68.334

Inverse Universe

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



62, 2.913, 249.996



78, 4.337, 250.133



61, 4.741, 287.977



31, 2.238, 250.160



33, 40.555, 276.913



2, 3.061, 250.294

Previews

White Background



This preview shows how the CIELCh color 62, 2.959, 68.418 looks on a white background.

Color Contrast Check

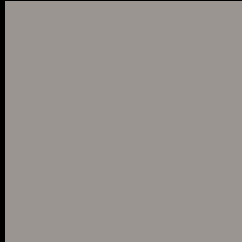
Large Text (above 18pt) WCAG AA × Fail

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, 2.959, 68.418 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

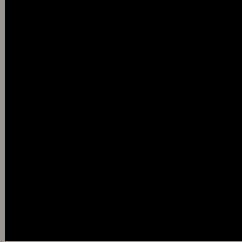
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

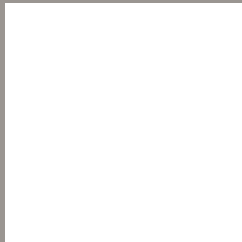
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 62, 2.959, 68.418

Background



This preview shows how black text looks on a background with the CIELCh color 62, 2.959, 68.418.



This preview shows how white text looks on a background with the CIELCh color 62, 2.959, 68.418.

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, 2.959, 68.418

Protanopia

62, 2.959, 68.418

Deuteranopia

62, 8.338, 16.348



Tritanopia
62, 7.100, 319.631

Trichromacy



Original Color

62, 2.959, 68.418

Protanomaly

62, 2.959, 68.418

Deuteranomaly

62, 6.314, 19.950

Tritanomaly

62, 3.914, 333.939

Monochromacy



Original Color

62, 2.959, 68.418

Achromatopsia

62, 0.008, 296.813

Achromatomaly

62, 1.174, 90.722

CSS Examples

Text

The CSS property to change the color of the text to CIElCh 62, 2.959, 68.418 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(154, 149, 145)` looks like.

```
.text, #text, p{  
    color:rgb(154, 149, 145)  
}
```

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(154, 149, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 149, 145) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 2.959, 68.418 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(154, 149, 145) }
```

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

```
.border{ border-color:rgb(154, 149, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 149, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 149, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 149, 145);  
box-shadow:4px 4px 4px 4px rgb(154, 149,  
145) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 2.959, 68.418 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 149, 145) }
```

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

```
.background{ background-color: rgb(154,  
149, 145) }
```

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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