

Converting Colors

CIELCh(62, 2.541, 269.194)

Have a look what the booklet for
CIELCh(62, 2.541, 269.194) contains.

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Color

CIELCh(62, 2.362, 271.684)

Conversions

Conversions Part 1

Format	Color
Hex	94969A
RGB	148, 150, 154
RGB Percent	58%, 59%, 60%
CMY	0.4199, 0.4121, 0.3964
CMYK	0.04, 0.03, 0.00, 0.40
HSL	220°, 3%, 59%
HSV	220°, 4%, 60%
XYZ	28.9146, 30.4025, 34.8775
YIQ	149.8580, -2.4760, 0.8200

Conversions

Conversions Part 2

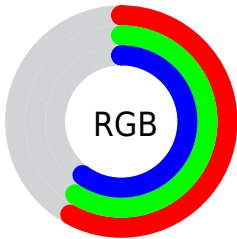
Format	Color
RYB	148, 150, 154
Decimal	9737882
CIELab	62.00, 0.07, -2.36
CIELCh	62, 2.362, 271.684
Yxy	30.4025, 0.3070, 0.3228
Android (android.graphics.Color)	4287927962 (0xFF94969A)
YUV	149.8580, 2.0420, -1.6295
Hunter-Lab	55.1385, -2.8871, 1.0935

Details

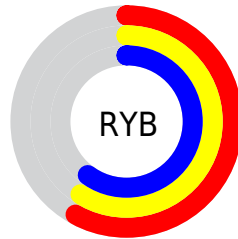
The CIELCh color **62, 2.362, 271.684** is a light color, and the websafe version is hex **999999**. A complement of this color would be **63, 2.349, 90.541**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **82, 2.235, 271.592**, and **42, 2.540, 271.874** is the 20% darker color. If you saturate the color by 10%, you get **58, 8.466, 272.946**, and if you desaturate by 10%, it is **66, 3.649, 90.341**.

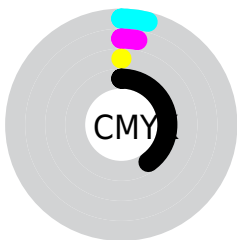
Distribution



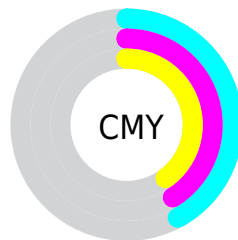
- Red (58%)
- Green (59%)
- Blue (60%)



- Red (58%)
- Yellow (59%)
- Blue (60%)



- Cyan (4%)
- Magenta (3%)
- Yellow (0%)
- Black (40%)



- Cyan (42%)
- Magenta (41%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 62, 2.362, 271.684 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, 2.362, 271.684 by changing the saturation by 10% instead.

■ 62, 2.362, 271.684

■ 62, 2.362, 271.684

■ 100, 2.362,
271.684

■ 52, 2.362, 271.684

■ 82, 2.362, 271.684

■ 42, 2.362, 271.684

■ 92, 2.362, 271.684

■ 32, 2.362, 271.684

■ 22, 2.362, 271.684

■ 12, 2.362, 271.684

■ 2, 2.362, 271.684

■ 0, 2.362, 271.684

■ 62, 2.362, 271.684

■ 62, 2.362, 271.684

■ 58, 8.466, 272.946

■ 66, 3.649, 90.341

54, 14.665,
274.513

70, 9.564, 89.357

50, 20.964,
276.347

74, 15.383, 88.475

78, 21.104, 87.696

46, 27.371,
278.487

82, 26.727, 87.005

42, 33.905,
280.969

86, 32.252, 86.389

90, 37.576, 86.211

38, 40.590,
283.812

92, 40.893, 93.811

35, 47.454,
286.999

95, 44.805,
100.087

31, 54.502,
290.456

28, 61.672,
294.029

Harmonies

Complementary

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



62, 2.362, 271.684



63, 2.349, 90.541

Rectangle

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



62, 2.362, 271.684



62, 2.362, 321.684



62, 2.362, 91.684



62, 2.362, 141.684

Sweetspot

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



62, 2.361, 271.651



80, 0.751, 271.532



63, 2.587, 172.395



42, 0.426, 271.545



90, 0.011, 296.813



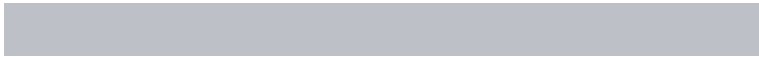
42, 0.006, 296.813

Same Dimension

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



62, 2.361, 271.651



78, 3.733, 271.783



62, 3.399, 296.345



31, 2.045, 271.834



23, 61.195, 295.741



1, 3.691, 271.540

Inverse Universe

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



62, 2.594, 353.864



77, 4.109, 354.008



63, 3.357, 115.778



31, 2.252, 354.058



29, 55.091, 16.632



1, 4.005, 354.035

Previews

White Background



This preview shows how the CIE LCh color 62, 2.362, 271.684 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, 2.362, 271.684 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

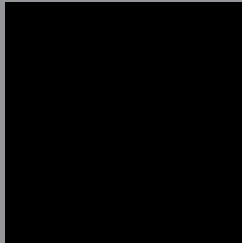
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

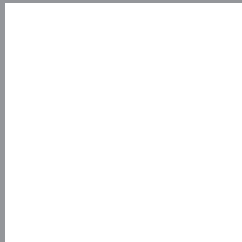
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 62, 2.362, 271.684

Background



This preview shows how black text looks on a background with the CIELCh color 62, 2.362, 271.684.



This preview shows how white text looks on a background with the CIELCh color 62, 2.362, 271.684.

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, 2.362, 271.684

Protanopia

62, 2.387, 309.139

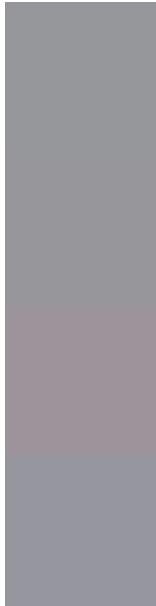
Deuteranopia

62, 8.661, 339.939



Tritanopia
62, 6.739, 290.924

Trichromacy



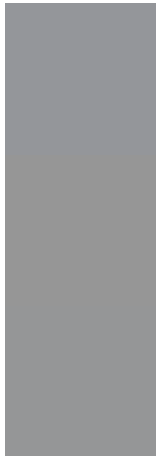
Original Color
62, 2.362, 271.684

Protanomaly
62, 2.289, 300.056

Deuteranomaly
62, 5.939, 330.870

Tritanomaly
62, 5.056, 290.744

Monochromacy



Original Color
62, 2.362, 271.684

Achromatopsia
62, 0.008, 296.813

Achromatomaly
62, 0.680, 256.013

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 2.362, 271.684 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(148, 150, 154)` looks like.

```
.text, #text, p{  
    color:rgb(148, 150, 154)  
}
```

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(148, 150, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 150, 154) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 2.362, 271.684 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(148, 150, 154) }
```

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

```
.border{ border-color:rgb(148, 150, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 150, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 150, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 150, 154);  
box-shadow:4px 4px 4px 4px rgb(148, 150,  
154) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 2.362, 271.684 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 150, 154) }
```

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

```
.background{ background-color: rgb(148,  
150, 154) }
```

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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