

Converting Colors

CIELCh(62, 4.786, 354.043)

Have a look what the booklet for
CIELCh(62, 4.786, 354.043) contains.

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Color

CIELCh(62, 4.840, 352.249)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | 9E9397 |
| RGB | 158, 147, 151 |
| RGB Percent | 62%, 58%, 59% |
| CMY | 0.3801, 0.4232, 0.4076 |
| CMYK | 0.00, 0.07, 0.04, 0.38 |
| HSL | 338°, 5%, 60% |
| HSV | 338°, 7%, 62% |
| XYZ | 30.1510, 30.4025, 33.5876 |
| YIQ | 150.7450, 5.2720, 3.5760 |

Conversions

Conversions Part 2

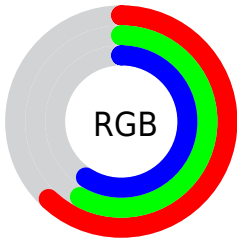
| Format | Color |
|-------------------------------------|-----------------------------|
| R_{YB} | 158, 147, 151 |
| Decimal | 10392471 |
| CIE Lab | 62.00, 4.80, -0.65 |
| CIE LCh | 62, 4.840, 352.249 |
| Yxy | 30.4025, 0.3203, 0.3229 |
| Android (android.graphics.Color) | 4288582551 (0xFF9E9397) |
| YUV | 150.7450, 0.1257, 6.3626 |
| Hunter-Lab | 55.1385, 1.1156, 2.4805 |

Details

The CIELCh color $62, 4.840, 352.249$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $64, 4.759, 171.182$, and the grayscale version is $62, 0.008, 296.813$.

A 20% lighter version of the original color is $82, 4.900, 354.111$, and $42, 5.219, 352.551$ is the 20% darker color. If you saturate the color by 10%, you get $58, 11.987, 353.297$, and if you desaturate by 10%, it is $67, 2.070, 171.645$.

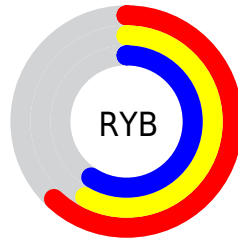
Distribution



Red (62%)

Green (58%)

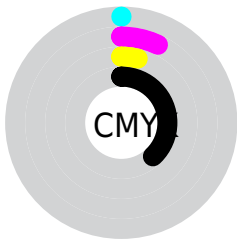
Blue (59%)



Red (62%)

Yellow (58%)

Blue (59%)

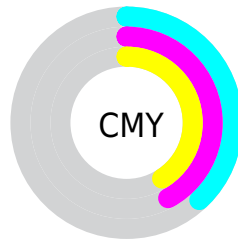


Cyan (0%)

Magenta (7%)

Yellow (4%)

Black (38%)



Cyan (38%)

Magenta (42%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 62, 4.840, 352.249 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, 4.840, 352.249 by changing the saturation by 10% instead.

■ 62, 4.840, 352.249

■ 62, 4.840, 352.249

■ 100, 4.840,
352.249

■ 52, 4.840, 352.249

■ 82, 4.840, 352.249

■ 42, 4.840, 352.249

■ 92, 4.840, 352.249

■ 32, 4.840, 352.249

■ 22, 4.840, 352.249

■ 12, 4.840, 352.249

■ 2, 4.840, 352.249

■ 0, 4.840, 352.249

■ 62, 4.840, 352.249

■ 62, 4.840, 352.249

■ 58, 11.987,

■ 67, 2.070, 171.645

353.297

71, 8.709, 170.718

53, 19.315,
354.445

76, 15.074,
169.989

49, 26.709,
355.774

80, 21.172,
169.334

45, 33.985,
357.353

85, 27.020,
168.737

42, 40.884,
359.272

90, 32.635,
168.188

39, 47.080, 1.653

93, 36.598,
168.926

36, 52.237, 4.652

94, 33.849,
176.298

34, 56.127, 8.437

33, 58.869, 13.054

94, 31.669,
184.784

Harmonies

Complementary

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



62, 4.840, 352.249



64, 4.759, 171.182

Rectangle

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



62, 4.840, 352.249



62, 4.840, 42.249



62, 4.840, 172.249



62, 4.840, 222.249

Sweetspot

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



62, 4.838, 352.259



82, 1.718, 351.622



62, 6.755, 313.847



44, 0.984, 351.595



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, 4.838, 352.259



78, 6.932, 352.383



62, 3.818, 32.007



31, 3.948, 352.495



30, 55.353, 13.951



1, 5.030, 352.931

Inverse Universe

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



62, 4.838, 352.259



78, 6.932, 352.383



64, 3.657, 212.155



31, 3.948, 352.495



30, 55.353, 13.951



1, 5.030, 352.931

Previews

White Background



This preview shows how the CIELCh color 62, 4.840, 352.249 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 CIELCh color 62, 4.840, 352.249 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

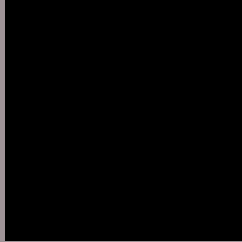
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

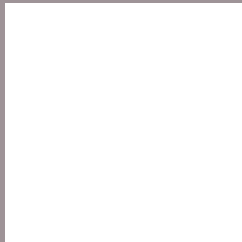
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 62, 4.840, 352.249

Background



This preview shows how black text looks on a background with the CIELCh color 62, 4.840, 352.249.



This preview shows how white text looks on a background with the CIELCh color 62, 4.840, 352.249.

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, 4.840, 352.249

Protanopia

62, 2.058, 324.445

Deuteranopia

62, 7.800, 354.671



Tritanopia
62, 8.409, 327.011

Trichromacy



Original Color

62, 4.840, 352.249

Protanomaly

62, 3.244, 335.842

Deuteranomaly

62, 6.494, 354.490

Tritanomaly

62, 7.141, 335.107

Monochromacy



Original Color

62, 4.840, 352.249

Achromatopsia

62, 0.008, 296.813

Achromatomaly

62, 1.652, 359.504

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 4.840, 352.249 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(158, 147, 151)` looks like.

```
.text, #text, p{  
    color:rgb(158, 147, 151)  
}
```

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(158, 147, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 147, 151) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 4.840, 352.249 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(158, 147, 151) }
```

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

```
.border{ border-color:rgb(158, 147, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 147, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 147, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 147, 151);  
box-shadow:4px 4px 4px 4px rgb(158, 147,  
151) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 4.840, 352.249 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 147, 151) }
```

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

```
.background{ background-color: rgb(158,  
147, 151) }
```

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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