

Converting Colors

CIELCh(62, 5.079, 2.795)

Have a look what the booklet for
CIELCh(62, 5.079, 2.795) contains.

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Color

CIELCh(62, 4.980, 0.129)

Conversions

Conversions Part 1

Format	Color
Hex	9F9396
RGB	159, 147, 150
RGB Percent	62%, 58%, 59%
CMY	0.3768, 0.4238, 0.4121
CMYK	0.00, 0.08, 0.06, 0.38
HSL	345°, 6%, 60%
HSV	345°, 8%, 62%
XYZ	30.1999, 30.4025, 33.0949
YIQ	150.9300, 6.1890, 3.4770

Conversions

Conversions Part 2

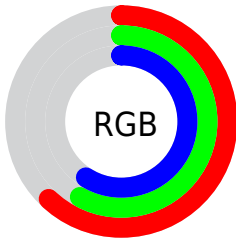
Format	Color
R_{YB}	159, 147, 150
Decimal	10458006
CIE Lab	62.00, 4.98, 0.01
CIE LCh	62, 4.980, 0.129
Yxy	30.4025, 0.3223, 0.3245
Android (android.graphics.Color)	4288648086 (0xFF9F9396)
YUV	150.9300, -0.4585, 7.0774
Hunter-Lab	55.1385, 1.2738, 3.0102

Details

The CIELCh color **62, 4.980, 0.129** is a light color, and the websafe version is hex **999999**. A complement of this color would be **64, 4.853, 178.943**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **82, 5.047, 1.393**, and **42, 5.378, 0.466** is the 20% darker color. If you saturate the color by 10%, you get **57, 11.834, 1.232**, and if you desaturate by 10%, it is **67, 1.573, 179.588**.

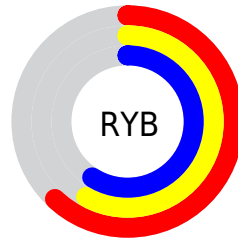
Distribution



Red (62%)

Green (58%)

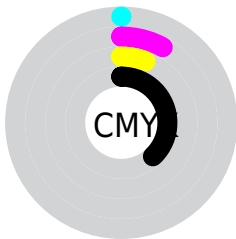
Blue (59%)



Red (62%)

Yellow (58%)

Blue (59%)

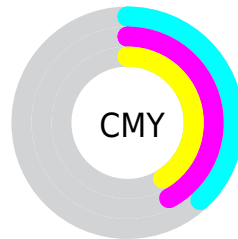


Cyan (0%)

Magenta (8%)

Yellow (6%)

Black (38%)



Cyan (38%)

Magenta (42%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 62, 4.980, 0.129 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, 4.980, 0.129 by changing the saturation by 10% instead.

 62, 4.980, 0.129

 62, 4.980, 0.129

 100, 4.980, 0.129

 52, 4.980, 0.129

 82, 4.980, 0.129

 42, 4.980, 0.129

 92, 4.980, 0.129

 32, 4.980, 0.129

 22, 4.980, 0.129

 12, 4.980, 0.129

 2, 4.980, 0.129

 0, 4.980, 0.129

 62, 4.980, 0.129

 62, 4.980, 0.129

 57, 11.834, 1.232

 67, 1.573, 179.588

53, 18.952, 2.467

71, 7.806, 178.583

49, 26.239, 3.933

76, 13.730,
177.855

45, 33.542, 5.715

81, 19.362,
177.213

41, 40.630, 7.923

38, 47.218, 10.698

85, 24.723,
176.636

36, 53.018, 14.194

90, 29.839,
176.112

34, 57.862, 18.532

33, 61.915, 23.579

94, 33.198,
177.619

94, 30.826,
188.081

94, 29.668,
197.590

Harmonies

Complementary

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



62, 4.980, 0.129



64, 4.853, 178.943

Rectangle

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



62, 4.980, 0.129



62, 4.980, 50.129



62, 4.980, 180.129



62, 4.980, 230.129

Sweetspot

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



62, 4.978, 0.141



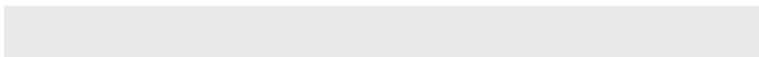
82, 1.615, 359.399



62, 7.593, 317.587



44, 0.925, 359.369



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, 4.978, 0.141



78, 7.375, 0.315



63, 3.897, 44.986



31, 3.727, 0.323



29, 57.987, 24.193



1, 4.751, 0.472

Inverse Universe

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



62, 4.978, 0.141



78, 7.375, 0.315



64, 3.735, 225.909



31, 3.727, 0.323



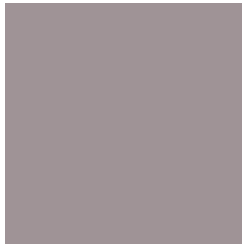
29, 57.987, 24.193



1, 4.751, 0.472

Previews

White Background



This preview shows how the CIELCh color 62, 4.980, 0.129 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, 4.980, 0.129 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

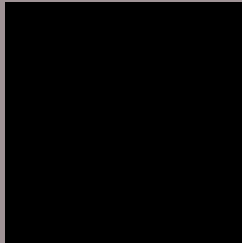
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

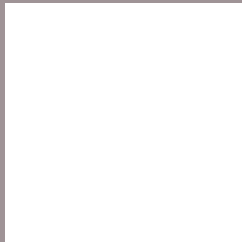
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 62, 4.980, 0.129

Background



This preview shows how black text looks on a background with the CIELCh color 62, 4.980, 0.129.



This preview shows how white text looks on a background with the CIELCh color 62, 4.980, 0.129.

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, 4.980, 0.129

Protanopia

62, 1.626, 335.624

Deuteranopia

62, 7.957, 359.612



Tritanopia
62, 8.215, 331.539

Trichromacy



Original Color

62, 4.980, 0.129

Protanomaly

62, 3.205, 347.960

Deuteranomaly

62, 6.652, 0.380

Tritanomaly

62, 7.053, 340.613

Monochromacy



Original Color

62, 4.980, 0.129

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, 4.980, 0.129 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(159, 147, 150)` looks like.

```
.text, #text, p{  
    color:rgb(159, 147, 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(159, 147, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 147, 150) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 4.980, 0.129 is called "border". The border property can be set on classes, ids or directly on the HTML element.

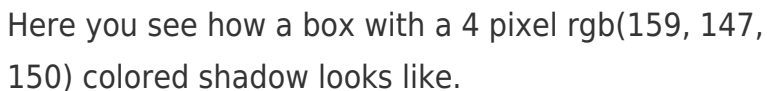
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(159, 147, 150) }
```

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

```
.border{ border-color:rgb(159, 147, 150) }
```

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



Here you see how a box with a 4 pixel `rgb(159, 147, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(159, 147, 150); -webkit-box-shadow:4px 4px 4px 4px rgb(159, 147, 150); box-shadow:4px 4px 4px 4px rgb(159, 147, 150) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 4.980, 0.129 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 147, 150) }
```

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

```
.background{ background-color: rgb(159,  
147, 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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