

Converting Colors

CIELCh(62, 3.680, 122.423)

Have a look what the booklet for
CIELCh(62, 3.680, 122.423) contains.

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Color

CIELCh(62, 3.994, 121.012)

Conversions

Conversions Part 1

Format	Color
Hex	959790
RGB	149, 151, 144
RGB Percent	58%, 59%, 56%
CMY	0.4169, 0.4090, 0.4365
CMYK	0.01, 0.00, 0.05, 0.41
HSL	77°, 3%, 58%
HSV	77°, 5%, 59%
XYZ	28.3693, 30.4025, 30.6392
YIQ	149.6040, 1.0550, -2.6010

Conversions

Conversions Part 2

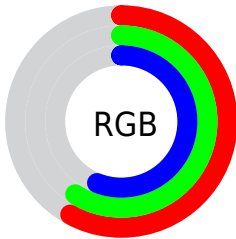
Format	Color
RYB	144, 151, 146
Decimal	9803664
CIELab	62.00, -2.06, 3.42
CIELCh	62, 3.994, 121.012
Yxy	30.4025, 0.3173, 0.3400
Android (android.graphics.Color)	4287993744 (0xFF959790)
YUV	149.6040, -2.7628, -0.5297
Hunter-Lab	55.1385, -4.6522, 5.6509

Details

The CIELCh color **62, 3.994, 121.012** is a light color, and the websafe version is hex **999999**. A complement of this color would be **60, 4.044, 301.533**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **82, 3.771, 121.079**, and **42, 3.714, 122.758** is the 20% darker color. If you saturate the color by 10%, you get **61, 12.603, 120.441**, and if you desaturate by 10%, it is **63, 4.620, 301.561**.

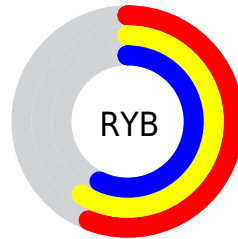
Distribution



Red (58%)

Green (59%)

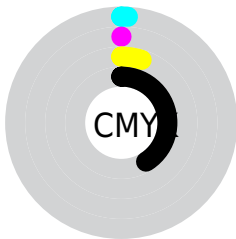
Blue (56%)



Red (56%)

Yellow (59%)

Blue (57%)

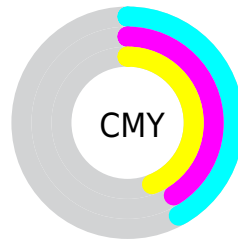


Cyan (1%)

Magenta (0%)

Yellow (5%)

Black (41%)



Cyan (42%)

Magenta (41%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 62, 3.994, 121.012 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, 3.994, 121.012 by changing the saturation by 10% instead.

■ 62, 3.994, 121.012

■ 62, 3.994, 121.012

■ 100, 3.994,
121.012

■ 52, 3.994, 121.012

■ 82, 3.994, 121.012

■ 42, 3.994, 121.012

■ 92, 3.994, 121.012

■ 32, 3.994, 121.012

■ 22, 3.994, 121.012

■ 12, 3.994, 121.012

■ 2, 3.994, 121.012

■ 0, 3.994, 121.012

■ 62, 3.994, 121.012

■ 62, 3.994, 121.012

■ 61, 12.603,

■ 63, 4.620, 301.561

120.441

64, 13.207,
302.093

61, 21.152,
119.853

64, 21.742,
302.589

60, 29.571,
119.273

65, 30.204,
303.051

59, 37.753,
118.726

66, 38.580,
303.479

59, 45.542,
118.254

67, 46.858,
303.875

59, 52.708,
117.917

68, 55.032,
304.239

58, 58.938,
117.796

69, 58.247,
305.167

58, 63.861,
117.992

69, 58.423,
306.468

57, 67.186,
118.593

Harmonies

Complementary

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



62, 3.994, 121.012



60, 4.044, 301.533

Rectangle

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



62, 3.994, 121.012



62, 3.994, 171.012



62, 3.994, 301.012



62, 3.994, 351.012

Sweetspot

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



62, 3.996, 121.023



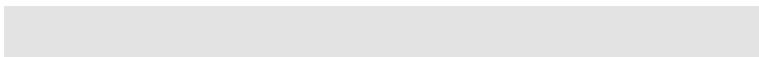
79, 1.060, 121.259



61, 2.248, 49.046



42, 0.607, 121.265



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, 3.996, 121.023



79, 6.406, 120.937



62, 4.481, 138.149



32, 3.447, 120.917



54, 65.115, 118.885



3, 5.351, 121.725

Inverse Universe

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



60, 4.044, 301.533



76, 6.494, 301.624



60, 4.505, 318.470



31, 3.496, 301.645



17, 83.204, 308.348



0, 5.340, 301.093

Previews

White Background



This preview shows how the CIELCh color 62, 3.994, 121.012 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, 3.994, 121.012 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

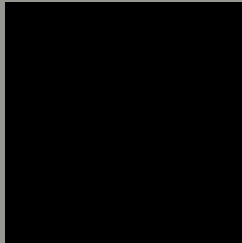
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

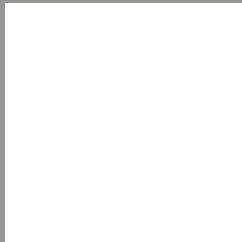
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 62, 3.994, 121.012

Background



This preview shows how black text looks on a background with the CIELCh color 62, 3.994, 121.012.



This preview shows how white text looks on a background with the CIELCh color 62, 3.994, 121.012.

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, 3.994, 121.012

Protanopia

62, 3.876, 79.235

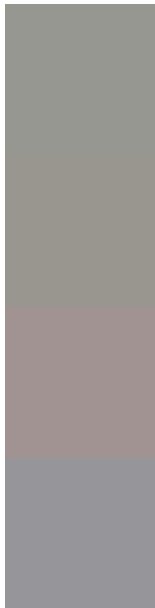
Deuteranopia

62, 8.340, 20.170



Tritanopia
62, 6.855, 300.376

Trichromacy



Original Color
62, 3.994, 121.012

Protanomaly
62, 3.981, 98.340

Deuteranomaly
62, 5.248, 32.076

Tritanomaly
62, 2.843, 298.206

Monochromacy



Original Color
62, 3.994, 121.012

Achromatopsia
62, 0.008, 296.813

Achromatomaly
62, 1.721, 122.973

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 3.994, 121.012 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(149, 151, 144)` looks like.

```
.text, #text, p{  
    color:rgb(149, 151, 144)  
}
```

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(149, 151, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 151, 144) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 3.994, 121.012 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(149, 151, 144) }
```

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

```
.border{ border-color:rgb(149, 151, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 151, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 151, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 151, 144);  
box-shadow:4px 4px 4px 4px rgb(149, 151,  
144) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 3.994, 121.012 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 151, 144) }
```

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

```
.background{ background-color: rgb(149,  
151, 144) }
```

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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