

Converting Colors

CIELCh(62, 3.712, 138.440)

Have a look what the booklet for
CIELCh(62, 3.712, 138.440) contains.

CIELCh(62, 3.711, 134.548)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(62, 3.711, 134.548)

Conversions

Conversions Part 1

Format	Color
Hex	939791
RGB	147, 151, 145
RGB Percent	58%, 59%, 57%
CMY	0.4233, 0.4076, 0.4312
CMYK	0.03, 0.00, 0.04, 0.41
HSL	100°, 3%, 58%
HSV	100°, 4%, 59%
XYZ	28.2306, 30.4025, 31.1884
YIQ	149.1200, -0.4580, -2.7140

Conversions

Conversions Part 2

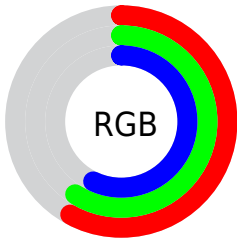
Format	Color
RYB	145, 151, 149
Decimal	9672593
CIELab	62.00, -2.60, 2.64
CIELCh	62, 3.711, 134.548
Yxy	30.4025, 0.3143, 0.3385
Android (android.graphics.Color)	4287862673 (0xFF939791)
YUV	149.1200, -2.0312, -1.8592
Hunter-Lab	55.1385, -5.1013, 5.0603

Details

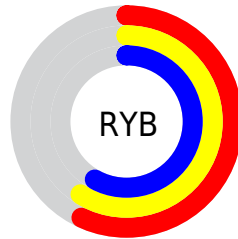
The CIELCh color $62, 3.711, 134.548$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $61, 3.739, 314.797$, and the grayscale version is $62, 0.008, 296.813$.

A 20% lighter version of the original color is $82, 3.503, 134.600$, and $42, 3.462, 138.639$ is the 20% darker color. If you saturate the color by 10%, you get $61, 13.124, 134.094$, and if you desaturate by 10%, it is $63, 5.618, 314.878$.

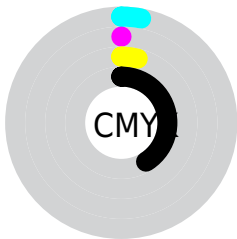
Distribution



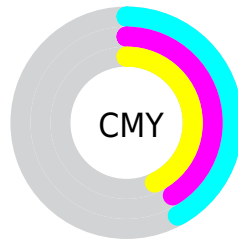
- Red (58%)
- Green (59%)
- Blue (57%)



- Red (57%)
- Yellow (59%)
- Blue (58%)



- Cyan (3%)
- Magenta (0%)
- Yellow (4%)
- Black (41%)



- Cyan (42%)
- Magenta (41%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 62, 3.711, 134.548 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, 3.711, 134.548 by changing the saturation by 10% instead.

■ 62, 3.711, 134.548

■ 62, 3.711, 134.548

■ 100, 3.711,
134.548

■ 52, 3.711, 134.548

■ 82, 3.711, 134.548

■ 42, 3.711, 134.548

■ 92, 3.711, 134.548

■ 32, 3.711, 134.548

■ 22, 3.711, 134.548

■ 12, 3.711, 134.548

■ 2, 3.711, 134.548

■ 0, 3.711, 134.548

■ 62, 3.711, 134.548

■ 62, 3.711, 134.548

■ 61, 13.124,

■ 63, 5.618, 314.878

134.094

65, 14.821,
315.236

60, 22.549,
133.616

66, 23.865,
315.540

59, 31.899,
133.107

67, 32.730,
315.804

58, 41.046,
132.586

69, 41.402,
316.032

57, 49.813,
132.090

71, 49.875,
316.230

57, 57.957,
131.679

72, 58.147,
316.399

56, 65.153,
131.446

73, 61.119,
318.638

55, 71.018,
131.509

75, 62.216,
321.640

55, 75.215,
131.976

Harmonies

Complementary

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



62, 3.711, 134.548



61, 3.739, 314.797

Rectangle

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



62, 3.711, 134.548



62, 3.711, 184.548



62, 3.711, 314.548



62, 3.711, 4.548

Sweetspot

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



62, 3.713, 134.553



79, 1.148, 134.782



62, 2.360, 90.567



42, 0.658, 134.794



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, 3.713, 134.553



79, 5.791, 134.499



62, 3.656, 149.221



32, 3.206, 134.478



51, 73.108, 132.197



3, 5.790, 134.856

Inverse Universe

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



61, 3.739, 314.797



76, 5.831, 314.851



61, 3.672, 329.558



31, 3.228, 314.871



24, 77.124, 316.560



1, 5.765, 314.312

Previews

White Background



This preview shows how the CIELCh color 62, 3.711, 134.548 looks on a white background.

Color Contrast Check

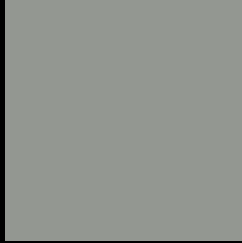
Large Text (above 18pt) WCAG AA × Fail

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, 3.711, 134.548 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

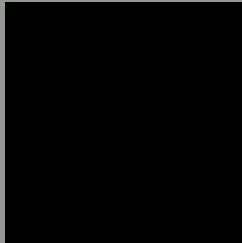
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

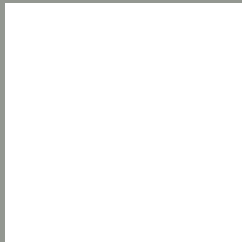
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 62, 3.711, 134.548

Background



This preview shows how black text looks on a background with the CIELCh color 62, 3.711, 134.548.



This preview shows how white text looks on a background with the CIELCh color 62, 3.711, 134.548.

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, 3.711, 134.548

Protanopia

62, 3.402, 74.563

Deuteranopia

62, 7.935, 16.109



Tritanopia
62, 6.178, 290.864

Trichromacy



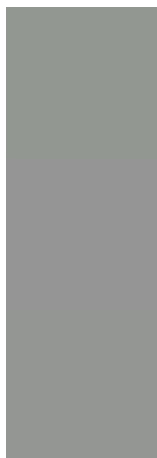
Original Color
62, 3.711, 134.548

Protanomaly
62, 3.370, 103.117

Deuteranomaly
62, 4.355, 27.083

Tritanomaly
62, 2.898, 275.345

Monochromacy



Original Color
62, 3.711, 134.548

Achromatopsia
62, 0.008, 296.813

Achromatomaly
62, 1.363, 144.523

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 3.711, 134.548 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(147, 151, 145)` looks like.

```
.text, #text, p{  
    color:rgb(147, 151, 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(147, 151, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 151, 145) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 3.711, 134.548 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(147, 151, 145) }
```

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

```
.border{ border-color:rgb(147, 151, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 151, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 151, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 151, 145);  
box-shadow:4px 4px 4px 4px rgb(147, 151,  
145) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 3.711, 134.548 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 151, 145) }
```

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

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